

Converting Colors

XYZ(78.1984, 82.9670, 94.9048)

Have a look what the booklet for
XYZ(78.1984, 82.9670, 94.9048)
contains.

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Color

**XYZ(78.1857, 82.9998,
95.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	E5ECF1
RGB	229, 236, 241
RGB Percent	90%, 93%, 95%
CMY	0.1020, 0.0745, 0.0549
CMYK	0.05, 0.02, 0.00, 0.05
HSL	205°, 30%, 92%
HSV	205°, 5%, 95%
XYZ	78.1857, 82.9998, 95.1188
YIQ	234.4770, -5.7770, 0.0710

Conversions

Conversions Part 2

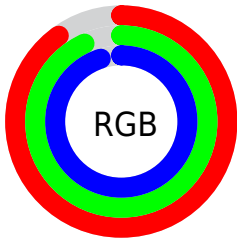
Format	Color
R _Y B	229, 233, 241
Decimal	15068401
CIE Lab	93.01, -1.40, -3.23
CIE LCh	93, 3.524, 246.592
Yxy	82.9998, 0.3051, 0.3238
Android (android.graphics.Color)	4293258481 (0xFFE5ECF1)
YUV	234.4770, 3.2158, -4.8033
Hunter-Lab	91.1042, -6.2436, 1.8703

Details

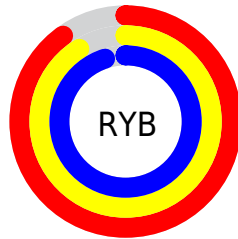
The XYZ color **78.1857, 82.9998, 95.1188** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8414, 83.2026, 85.9816**, and the grayscale version is **78.5497, 82.6404, 89.9954**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5338, 45.1440, 52.3708** is the 20% darker color. If you saturate the color by 10%, you get **68.2157, 73.6934, 93.8492**, and if you desaturate by 10%, it is **89.3903, 93.1883, 96.4961**.

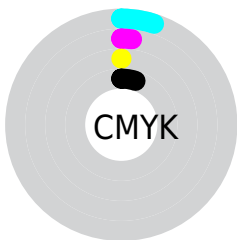
Distribution



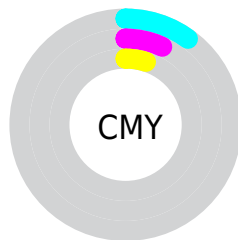
- Red (90%)
- Green (93%)
- Blue (95%)



- Red (90%)
- Yellow (91%)
- Blue (95%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (10%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1857, 82.9998, 95.1188 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.1857, 82.9998, 95.1188 by changing the saturation by 10% instead.

■ 78.1857, 82.9998,
95.1188

■ 78.1857, 82.9998,
95.1188

477.6274,
504.9859, 565.5393

■ 58.5299, 62.1900,
71.6364

129.7758,
137.5752, 156.4257

■ 42.4797, 45.1862,
52.3767

162.4409,
172.1095, 195.0873

■ 29.6698, 31.6041,
36.9211

200.1730,
211.9875, 239.6458

■ 19.7349, 21.0593,
24.8511

243.3375,
257.5936, 290.5196

■ 12.3097, 13.1674,
15.7482

292.2999,
309.3120, 348.1273

■ 7.0286, 7.5439,
9.1937

347.4254,

■ 3.5265, 3.8045,

367.5273, 412.8875

4.7692

409.0795,
432.6238, 485.2186

■ 1.4379, 1.5648,
2.0561

■ 0.2830, 0.3337,
0.5895

■ 78.1857, 82.9998,
95.1188

■ 78.1857, 82.9998,
95.1188

■ 68.2157, 73.6934,
93.8492

■ 89.3903, 93.1883,
96.4961

■ 59.4268, 65.2305,
92.6790

■ 92.8774, 99.1310,
97.4594

■ 51.7719, 57.5853,
91.6067

■ 45.1980, 50.7262,
90.6293

■ 39.6472, 44.6193,
89.7431

■ 35.0561, 39.2274,
88.9443

■ 31.3532, 34.5092,
88.2288

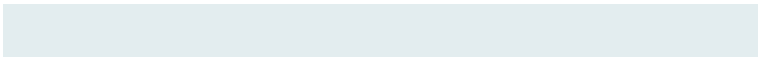
■ 28.4559, 30.4174,
87.5917

■ 26.2632, 26.8953,
87.0274

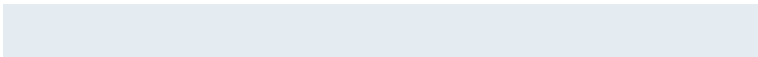
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.4721, 82.9998, 93.4372



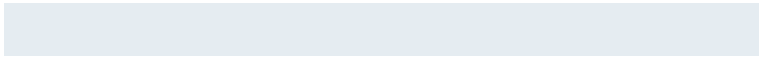
78.1857, 82.9998, 95.1188



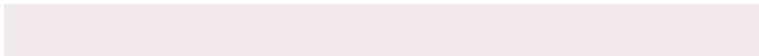
79.0928, 82.9998, 95.5175

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1857, 82.9998, 95.1188



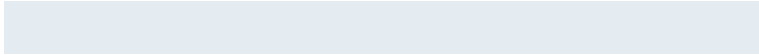
80.6654, 82.9998, 89.7903



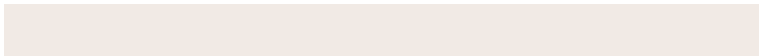
77.8354, 82.9998, 86.3520

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



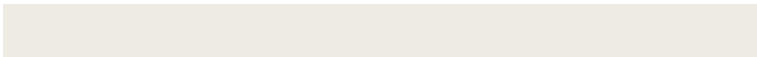
78.1857, 82.9998, 95.1188



79.8414, 83.2026, 85.9816

Split Complementary

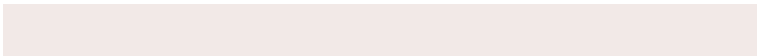
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.6852, 82.9998, 85.4160



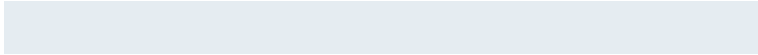
78.1857, 82.9998, 95.1188



80.3227, 82.9998, 87.3759

Square

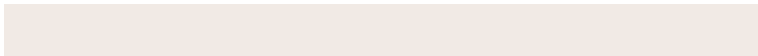
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



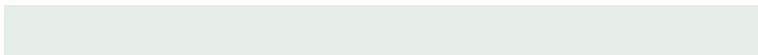
78.1857, 82.9998, 95.1188



80.5291, 82.9998, 92.4075



79.5961, 82.9998, 85.7871



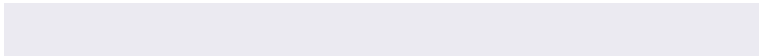
77.2710, 82.9998, 88.3680

Rectangle

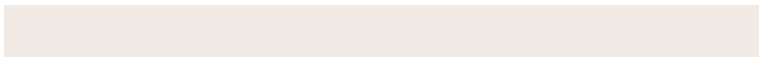
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1857, 82.9998, 95.1188



79.6861, 82.9998, 94.9954



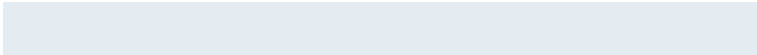
79.5961, 82.9998, 85.7871



78.0969, 82.9998, 85.9024

Sweetspot

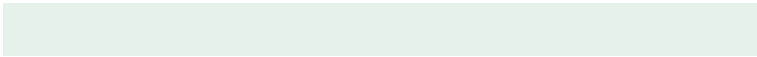
The Sweet Spot groups the original color and five complimentary colors.



78.1881, 83.0033, 95.1206



93.7803, 98.8440, 108.7438



78.5922, 85.4989, 90.0533



20.0862, 21.1689, 23.2773



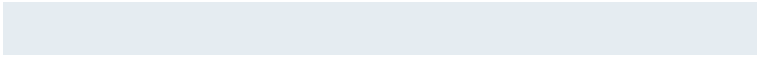
0.0000, 0.0000, 0.0000



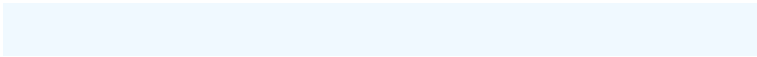
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1881, 83.0033, 95.1206



87.6448, 93.2156, 107.9808



76.5440, 79.7152, 94.5726



16.2813, 17.3352, 20.2095



13.8842, 13.9926, 47.0969



1.2530, 1.3600, 3.9507

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



79.4371, 80.7970, 90.7697



89.3530, 90.2202, 102.0250



81.5210, 86.5617, 86.5414



16.6330, 16.7213, 18.9830



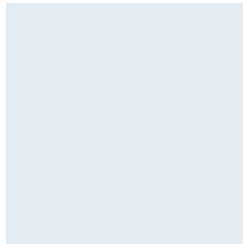
22.3337, 11.2059, 14.9398



1.9074, 0.9520, 1.5033

Previews

White Background



This preview shows how the XYZ color 78.1857, 82.9998, 95.1188 looks on a white background.

Color Contrast Check

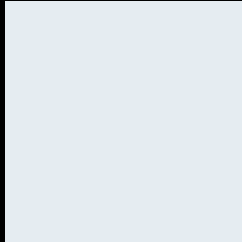
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.1857, 82.9998, 95.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

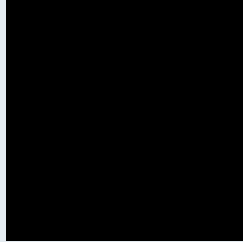
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

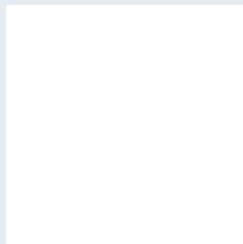
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1857, 82.9998, 95.1188

Background



This preview shows how black text looks on a background with the XYZ color 78.1857, 82.9998, 95.1188.



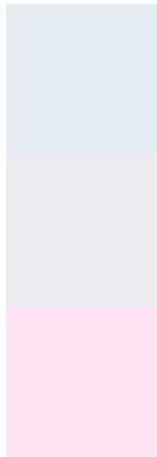
This preview shows how white text looks on a background with the XYZ color 78.1857, 82.9998,

95.1188.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.1857, 82.9998, 95.1188

Protanopia

80.0760, 83.1414, 94.2655

Deuteranopia

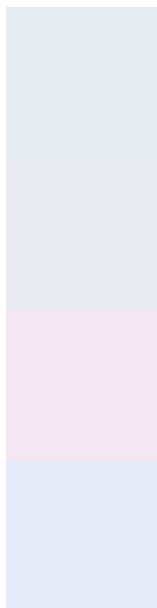
84.7941, 83.0287, 96.3510



Tritanopia

80.1074, 82.9264, 104.7128

Trichromacy



Original Color

78.1857, 82.9998, 95.1188

Protanomaly

79.3682, 83.2004, 94.3142

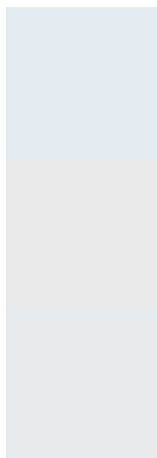
Deuteranomaly

82.2591, 82.9751, 95.6847

Tritanomaly

79.4403, 83.0792, 101.4715

Monochromacy



Original Color

78.1857, 82.9998, 95.1188

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2731, 82.6869, 91.9555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1857, 82.9998, 95.1188 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(229, 236, 241) looks like.

```
.text, #text, p{  
    color:rgb(229, 236, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 236, 241) }
```

Border

The CSS property to change the border of an element to XYZ 78.1857, 82.9998, 95.1188 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 236, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 236, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(229, 236,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1857, 82.9998, 95.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 236, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
236, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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