

Converting Colors

XYZ(78.1209, 81.6776, 95.6523)

Have a look what the booklet for
XYZ(78.1209, 81.6776, 95.6523)
contains.

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Color

**XYZ(78.1209, 81.6776,
95.6523)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E9F2
RGB	231, 233, 242
RGB Percent	91%, 91%, 95%
CMY	0.0941, 0.0863, 0.0510
CMYK	0.05, 0.04, 0.00, 0.05
HSL	229°, 30%, 93%
HSV	229°, 5%, 95%
XYZ	78.1209, 81.6776, 95.6523
YIQ	233.4280, -4.0810, 2.3750

Conversions

Conversions Part 2

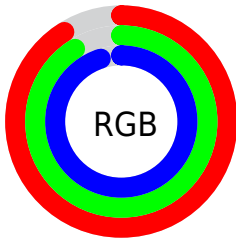
Format	Color
R _Y B	231, 233, 242
Decimal	15198706
CIE Lab	92.43, 0.98, -4.59
CIE LCh	92, 4.698, 282.027
Yxy	81.6776, 0.3058, 0.3197
Android (android.graphics.Color)	4293388786 (0xFFE7E9F2)
YUV	233.4280, 4.2260, -2.1294
Hunter-Lab	90.3757, -3.8617, 0.5113

Details

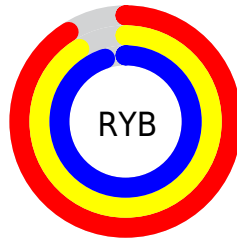
The XYZ color **78.1209, 81.6776, 95.6523** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2019, 86.9659, 88.0561**, and the grayscale version is **77.7479, 81.7969, 89.0768**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2643, 44.1034, 52.7396** is the 20% darker color. If you saturate the color by 10%, you get **65.5521, 67.3440, 93.5493**, and if you desaturate by 10%, it is **92.3285, 97.7933, 98.0154**.

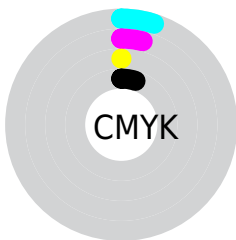
Distribution



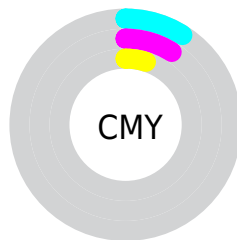
- Red (91%)
- Green (91%)
- Blue (95%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (9%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.1209, 81.6776, 95.6523 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 78.1209, 81.6776, 95.6523 by changing the saturation by 10% instead.

■ 78.1209, 81.6776,
95.6523

■ 78.1209, 81.6776,
95.6523

477.4109,
500.5686, 567.2887

■ 58.4764, 61.0998,
72.0781

129.6850,
135.7218, 157.1688

■ 42.4365, 44.3057,
52.7353

162.3353,
169.9570, 195.9482

■ 29.6359, 30.9109,
37.2052

200.0517,
209.5135, 240.6331

■ 19.7091, 20.5310,
25.0694

243.1994,
254.7756, 291.6420

■ 12.2908, 12.7816,
15.9093

292.1438,
306.1278, 349.3935

■ 7.0156, 7.2784,
9.3063

347.2503,

■ 3.5183, 3.6368,

363.9544, 414.3061

4.8420

408.8842,
428.6399, 486.7983

■ 1.4334, 1.4725,
2.0977

■ 0.2798, 0.2693,
0.6144

■ 78.1209, 81.6776,
95.6523

■ 78.1209, 81.6776,
95.6523

■ 65.5521, 67.3440,
93.5493

■ 92.3285, 97.7933,
98.0154

■ 54.6245, 54.7565,
91.6956

■ 93.0272, 99.1909,
98.2483

■ 45.2718, 43.8506,
90.0835

■ 37.4200, 34.5542,
88.7030

■ 30.9896, 26.7896,
87.5432

■ 25.8930, 20.4726,
86.5925

■ 22.0331, 15.5107,
85.8382

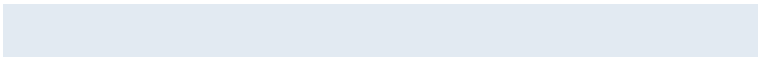
■ 19.2987, 11.7998,
85.2660

■ 17.5568, 9.2193,
84.8598

Harmonies

Analogous

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



76.9120, 81.6776, 95.4635



78.1209, 81.6776, 95.6523



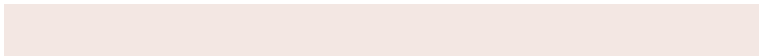
79.2098, 81.6776, 94.0065

Triad

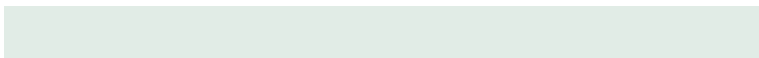
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1209, 81.6776, 95.6523



79.3840, 81.6776, 84.5199



75.4267, 81.6776, 86.8804

Complementary

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



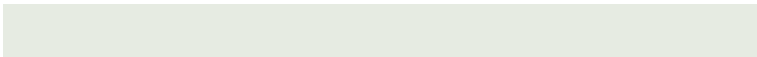
78.1209, 81.6776, 95.6523



82.2019, 86.9659, 88.0561

Split Complementary

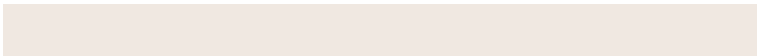
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0755, 81.6776, 84.0455



78.1209, 81.6776, 95.6523



78.3567, 81.6776, 82.7074

Square

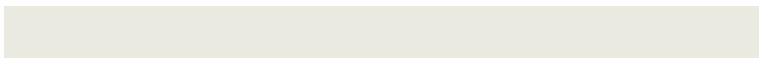
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



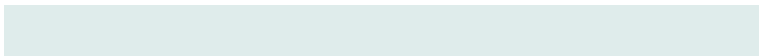
78.1209, 81.6776, 95.6523



79.9441, 81.6776, 87.5434



77.1454, 81.6776, 82.5360



75.3651, 81.6776, 90.3373

Rectangle

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



78.1209, 81.6776, 95.6523



79.7179, 81.6776, 92.1148



77.1454, 81.6776, 82.5360



75.5831, 81.6776, 85.8254

Sweetspot

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



78.1233, 81.6811, 95.6541



93.4564, 98.1962, 108.6358



80.4340, 86.7847, 94.9381



20.0203, 21.0370, 23.2553



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.



78.1233, 81.6811, 95.6541



87.2771, 91.1881, 107.6088



78.6947, 81.1383, 95.5192



16.1611, 16.8682, 20.1257



9.1662, 4.5567, 45.5243



0.8272, 0.5084, 3.8087

Inverse Universe

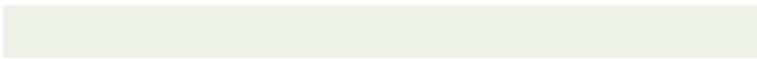
The Inverse Universe completely reimagines the original color for something new.



79.9036, 81.9138, 88.6945



89.4829, 91.4797, 98.9857



81.6108, 87.5418, 88.1984



16.6276, 16.9309, 18.3020



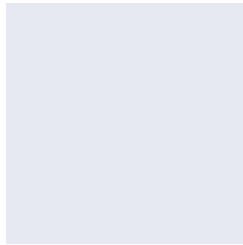
19.9523, 10.2533, 2.3995



1.6925, 0.8660, 0.3714

Previews

White Background



This preview shows how the XYZ color 78.1209, 81.6776, 95.6523 looks on a white background.

Color Contrast Check

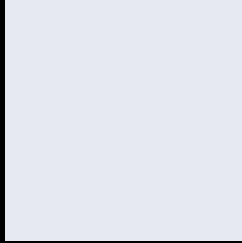
Large Text (above 18pt) WCAG AA × Fail

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 78.1209, 81.6776, 95.6523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

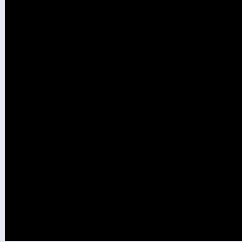
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

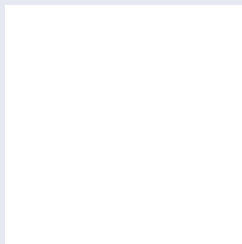
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.1209, 81.6776, 95.6523

Background



This preview shows how black text looks on a background with the XYZ color 78.1209, 81.6776, 95.6523.



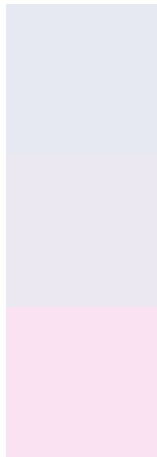
This preview shows how white text looks on a background with the XYZ color 78.1209, 81.6776,

95.6523.

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

78.1209, 81.6776, 95.6523

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

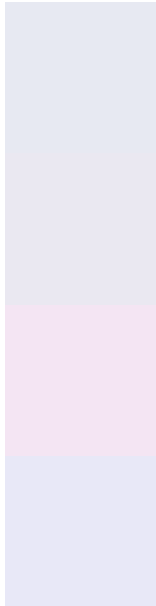
83.1577, 81.3730, 96.1177



Tritanopia

79.3906, 81.7712, 102.0416

Trichromacy



Original Color

78.1209, 81.6776, 95.6523

Protanomaly

78.6655, 81.5565, 94.8150

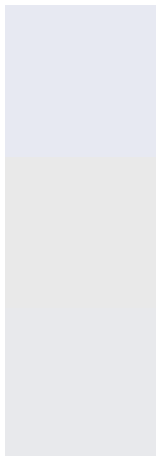
Deuteranomaly

81.5052, 81.7428, 96.2762

Tritanomaly

78.9238, 81.5844, 99.5833

Monochromacy



Original Color

78.1209, 81.6776, 95.6523

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.5579, 81.4898, 90.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1209, 81.6776, 95.6523 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(231, 233, 242) looks like.

```
.text, #text, p{  
    color:rgb(231, 233, 242)  
}
```

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(231, 233, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 233, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.1209, 81.6776, 95.6523 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(231, 233, 242) }
```


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

```
.border{ border-color:rgb(231, 233, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 233, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 233, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 233, 242);  
box-shadow:4px 4px 4px 4px rgb(231, 233,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1209, 81.6776, 95.6523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 233, 242) }
```

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

```
.background{ background-color: rgb(231,  
233, 242) }
```

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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