

Converting Colors

XYZ(78.7518, 80.8052, 95.6477)

Have a look what the booklet for
XYZ(78.7518, 80.8052, 95.6477)
contains.

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Color

**XYZ(78.5848, 80.6666,
95.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE6F2
RGB	235, 230, 242
RGB Percent	92%, 90%, 95%
CMY	0.0784, 0.0980, 0.0510
CMYK	0.03, 0.05, 0.00, 0.05
HSL	265°, 32%, 93%
HSV	265°, 5%, 95%
XYZ	78.5848, 80.6666, 95.4327
YIQ	232.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

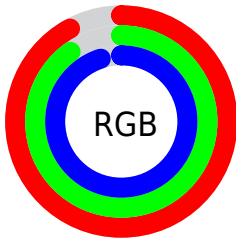
Format	Color
R _Y B	235, 230, 242
Decimal	15460082
CIE Lab	91.98, 3.84, -5.22
CIE LCh	92, 6.483, 306.331
Yxy	80.6666, 0.3086, 0.3167
Android (android.graphics.Color)	4293650162 (0xFFE6E6F2)
YUV	232.8630, 4.5045, 1.8741
Hunter-Lab	89.8146, -0.9939, -0.1285

Details

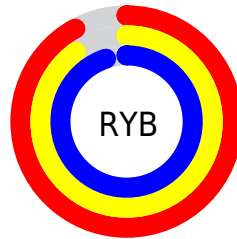
The XYZ color **78.5848, 80.6666, 95.4327** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.9630, 87.2240, 87.4357**, and the grayscale version is **77.3188, 81.3453, 88.5851**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7833, 43.7888, 52.6515** is the 20% darker color. If you saturate the color by 10%, you get **67.8343, 65.8133, 93.1336**, and if you desaturate by 10%, it is **90.6450, 97.5874, 98.0643**.

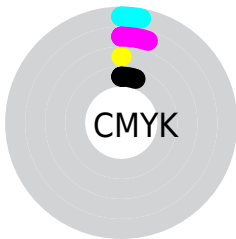
Distribution



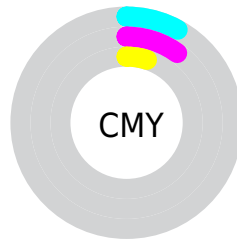
- Red (92%)
- Green (90%)
- Blue (95%)



- Red (92%)
- Yellow (90%)
- Blue (95%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (8%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5848, 80.6666, 95.4327 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 78.5848, 80.6666, 95.4327 by changing the saturation by 10% instead.

78.5848, 80.6666,
95.4327

78.5848, 80.6666,
95.4327

478.9601,
497.1765, 566.5690

58.8589, 60.2671,
71.8963

130.3352,
134.3025, 156.8630

42.7455, 43.6339,
52.5876

163.0904,
168.3077, 195.5939

29.8791, 30.3828,
37.0882

200.9195,
207.6169, 240.2268

19.8945, 20.1293,
24.9795

244.1878,
252.6144, 291.1801

12.4262, 12.4891,
15.8429

293.2607,
303.6848, 348.8725

7.1089, 7.0777,
9.2599

348.5034,

3.5772, 3.5107,

361.2123, 413.7224

4.8120

410.2815,
425.5814, 486.1484

■ 1.4659, 1.4038,
2.0806

■ 0.3024, 0.2195,
0.6042

■ 78.5848, 80.6666,
95.4327

■ 78.5848, 80.6666,
95.4327

■ 67.8343, 65.8133,
93.1336

■ 90.6450, 97.5874,
98.0643

■ 58.3397, 52.9362,
91.1484

■ 93.0272, 99.1909,
98.2483

■ 50.0534, 41.9523,
89.4651

■ 42.9222, 32.7686,
88.0683

■ 36.8885, 25.2841,
86.9417

■ 31.8892, 19.3875,
86.0670

■ 27.8538, 14.9537,
85.4239

■ 24.7016, 11.8375,
84.9885

■ 22.3352, 9.8616,
84.7319

Harmonies

Analogous

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



77.0250, 80.6666, 97.2701



78.5848, 80.6666, 95.4327



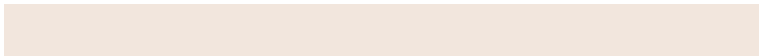
79.6428, 80.6666, 91.5672

Triad

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



78.5848, 80.6666, 95.4327



77.9645, 80.6666, 79.6945



73.5311, 80.6666, 88.8478

Complementary

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



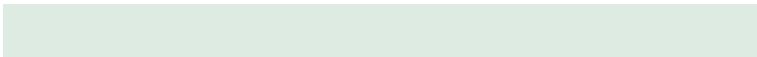
78.5848, 80.6666, 95.4327



80.9630, 87.2240, 87.4357

Split Complementary

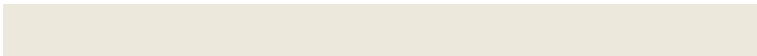
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7744, 80.6666, 84.2002



78.5848, 80.6666, 95.4327



76.3185, 80.6666, 79.0254

Square

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



78.5848, 80.6666, 95.4327



79.2810, 80.6666, 82.5081



74.7889, 80.6666, 80.6464



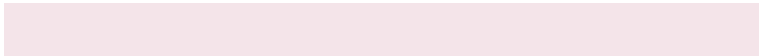
74.1192, 80.6666, 93.3806

Rectangle

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



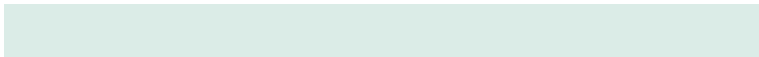
78.5848, 80.6666, 95.4327



79.9128, 80.6666, 88.4207



74.7889, 80.6666, 80.6464



73.5184, 80.6666, 87.2464

Sweetspot

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



78.5871, 80.6700, 95.4345



93.6966, 98.1027, 108.6051



79.0051, 83.9208, 96.0399



20.0692, 21.0180, 23.2491



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.



78.5871, 80.6700, 95.4345



87.1533, 88.9696, 107.1871



80.5336, 81.6735, 95.5256



16.1802, 16.4638, 20.0467



11.6278, 4.9998, 45.4801



1.0780, 0.4730, 3.7887

Inverse Universe

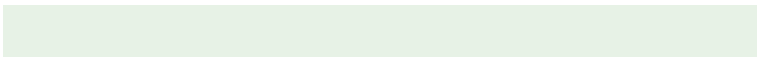
The Inverse Universe completely reimagines the original color for something new.



80.2036, 81.5889, 91.6457



89.3527, 90.2200, 102.0230



79.0575, 86.2417, 87.3465



16.6329, 16.7212, 18.9826



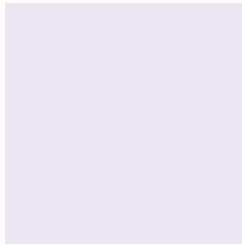
22.3322, 11.2053, 14.9317



1.9073, 0.9520, 1.5026

Previews

White Background



This preview shows how the XYZ color 78.5848, 80.6666, 95.4327 looks on a white background.

Color Contrast Check

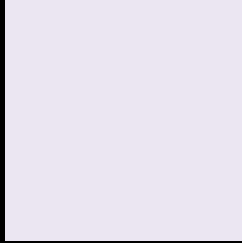
Large Text (above 18pt) WCAG AA × Fail

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 78.5848, 80.6666, 95.4327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

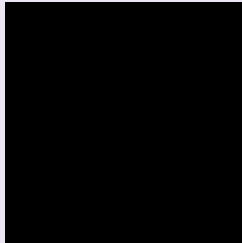
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

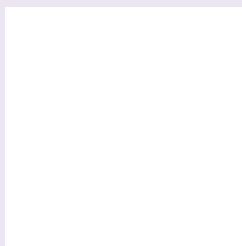
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.5848, 80.6666, 95.4327

Background



This preview shows how black text looks on a background with the XYZ color 78.5848, 80.6666, 95.4327.



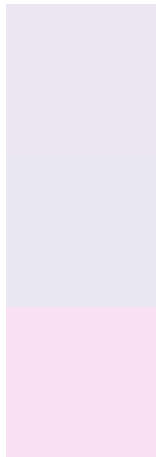
This preview shows how white text looks on a background with the XYZ color 78.5848, 80.6666,

95.4327.

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

78.5848, 80.6666, 95.4327

Protanopia

78.2072, 80.8863, 95.4951

Deuteranopia

82.1698, 80.4612, 95.9938



Tritanopia

79.3999, 80.5869, 99.3657

Trichromacy



Original Color

78.5848, 80.6666, 95.4327

Protanomaly

78.5346, 81.0551, 95.5104

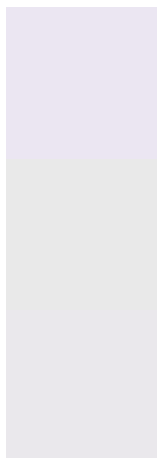
Deuteranomaly

80.9550, 80.6423, 96.0928

Tritanomaly

79.0928, 80.4641, 97.7487

Monochromacy



Original Color

78.5848, 80.6666, 95.4327

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.9286, 81.2618, 90.9347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5848, 80.6666, 95.4327 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(235, 230, 242) looks like.

```
.text, #text, p{  
    color:rgb(235, 230, 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(235, 230, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 230, 242) }
```

Border

The CSS property to change the border of an element to XYZ 78.5848, 80.6666, 95.4327 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(235, 230, 242) }
```


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

```
.border{ border-color:rgb(235, 230, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 230, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 230, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 230, 242);  
box-shadow:4px 4px 4px 4px rgb(235, 230,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5848, 80.6666, 95.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 230, 242) }
```

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

```
.background{ background-color: rgb(235,  
230, 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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