

Converting Colors

XYZ(79.8876, 80.0548, 97.6265)

Have a look what the booklet for
XYZ(79.8876, 80.0548, 97.6265)
contains.

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Color

**XYZ(79.8857, 80.0560,
97.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E3F5
RGB	240, 227, 245
RGB Percent	94%, 89%, 96%
CMY	0.0588, 0.1098, 0.0392
CMYK	0.02, 0.07, 0.00, 0.04
HSL	283°, 47%, 93%
HSV	283°, 7%, 96%
XYZ	79.8857, 80.0560, 97.6281
YIQ	232.9390, 1.9700, 8.3540

Conversions

Conversions Part 2

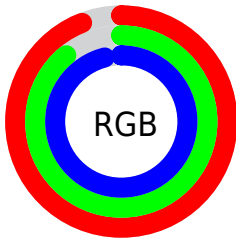
Format	Color
R _Y B	240, 227, 245
Decimal	15786997
CIE Lab	91.71, 7.59, -7.15
CIE LCh	92, 10.430, 316.722
Yxy	80.0560, 0.3102, 0.3108
Android (android.graphics.Color)	4293977077 (0xFFFF0E3F5)
YUV	232.9390, 5.9461, 6.1925
Hunter-Lab	89.4740, 2.7918, -2.0615

Details

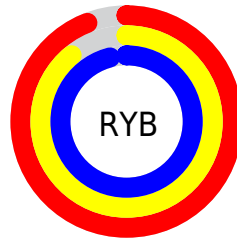
The XYZ color **79.8857, 80.0560, 97.6281** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.7992, 88.0088, 85.4586**, and the grayscale version is **77.3639, 81.3928, 88.6368**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7050, 43.3695, 54.2118** is the 20% darker color. If you saturate the color by 10%, you get **71.3889, 66.4278, 95.4466**, and if you desaturate by 10%, it is **89.4273, 95.6428, 100.1350**.

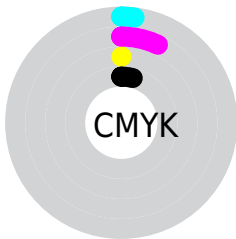
Distribution



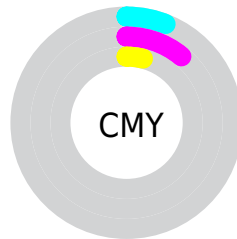
- Red (94%)
- Green (89%)
- Blue (96%)



- Red (94%)
- Yellow (89%)
- Blue (96%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8857, 80.0560, 97.6281 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 79.8857, 80.0560, 97.6281 by changing the saturation by 10% instead.

79.8857, 80.0560,
97.6281

79.8857, 80.0560,
97.6281

483.2900,
495.1215, 573.7426

59.9324, 59.7644,
73.7153

132.1564,
133.4445, 159.9171

43.6134, 43.2288,
54.0657

165.2045,
167.3102, 199.1305

30.5633, 30.0647,
38.2607

203.3483,
206.4693, 244.2812

20.4168, 19.8877,
25.8817

246.9532,
251.3064, 295.7876

12.8084, 12.3134,
16.5102

296.3844,
302.2058, 354.0685

7.3728, 6.9575,
9.7276

352.0074,

3.7447, 3.4355,

359.5518, 419.5422

5.1155

414.1874,
423.7289, 492.6274

■ 1.5587, 1.3631,
2.2553

■ 0.3653, 0.1893,
0.7060

■ 79.8857, 80.0560,
97.6281

■ 79.8857, 80.0560,
97.6281

■ 71.3889, 66.4278,
95.4466

■ 89.4273, 95.6428,
100.1350

■ 63.8890, 54.6671,
93.5719

■ 92.9740, 99.1110,
100.6175

■ 57.3444, 44.6912,
91.9913

■ 93.4817, 99.3727,
100.6412

■ 51.7078, 36.4069,
90.6893

■ 46.9276, 29.7124,
89.6491

■ 42.9466, 24.4948,
88.8518

■ 39.7000, 20.6260,
88.2762

■ 37.1117, 17.9554,
87.8971

■ 35.0828, 16.2867,
87.6820

Harmonies

Analogous

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



77.5759, 80.0560, 102.0029



79.8857, 80.0560, 97.6281



81.1918, 80.0560, 90.5841

Triad

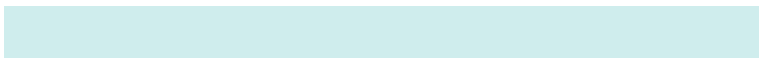
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8857, 80.0560, 97.6281



77.2747, 80.0560, 73.6405



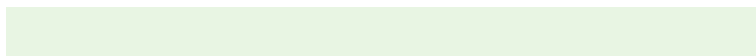
71.2845, 80.0560, 91.4619

Complementary

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



79.8857, 80.0560, 97.6281



79.7992, 88.0088, 85.4586

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.



71.2081, 80.0560, 83.8377



79.8857, 80.0560, 97.6281



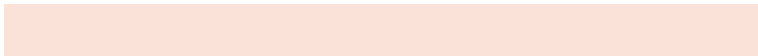
74.6248, 80.0560, 73.8449

Square

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



79.8857, 80.0560, 97.6281



79.6607, 80.0560, 76.9062



72.4181, 80.0560, 77.4819



72.6292, 80.0560, 98.3029

Rectangle

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



79.8857, 80.0560, 97.6281



81.2982, 80.0560, 85.4595



72.4181, 80.0560, 77.4819



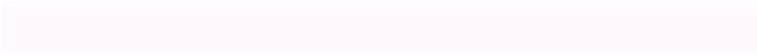
71.1107, 80.0560, 88.8979

Sweetspot

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



79.8880, 80.0594, 97.6298



92.9252, 96.5213, 108.3405



77.0480, 80.6965, 97.9025



19.9121, 20.6960, 23.1952



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.



79.8880, 80.0594, 97.6298



85.8537, 85.0321, 106.4956



81.0198, 80.7109, 94.6078



16.7386, 16.5234, 20.8497



18.7795, 8.6555, 47.2189



1.7498, 0.8119, 4.1547

Inverse Universe

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



79.6935, 80.1804, 87.6239



85.6060, 85.1995, 93.1508



78.7435, 87.4016, 88.2507



16.6883, 16.5582, 18.1052



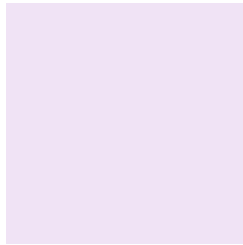
20.8996, 10.7033, 4.1799



1.8787, 0.9574, 0.5876

Previews

White Background



This preview shows how the XYZ color 79.8857, 80.0560, 97.6281 looks on a white background.

Color Contrast Check

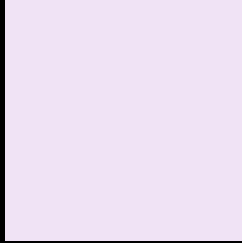
Large Text (above 18pt) WCAG AA × Fail

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 79.8857, 80.0560, 97.6281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

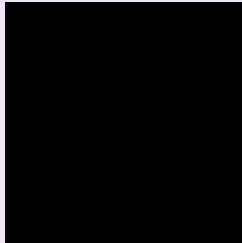
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

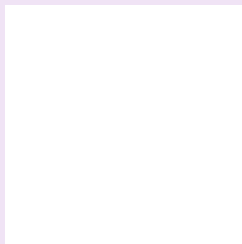
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8857, 80.0560, 97.6281

Background



This preview shows how black text looks on a background with the XYZ color 79.8857, 80.0560, 97.6281.



This preview shows how white text looks on a background with the XYZ color 79.8857, 80.0560,

97.6281.

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

79.8857, 80.0560, 97.6281

Protanopia

78.0403, 80.2980, 99.3816

Deuteranopia

81.4949, 79.6780, 97.4704



Tritanopia

79.8857, 80.0560, 97.6281

Trichromacy



Original Color

79.8857, 80.0560, 97.6281

Protanomaly

78.5855, 80.1849, 98.5241

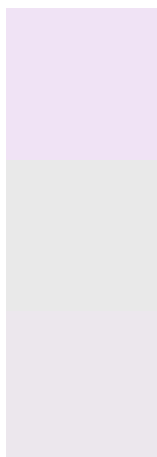
Deuteranomaly

80.7149, 79.6761, 97.5111

Tritanomaly

79.8857, 80.0560, 97.6281

Monochromacy



Original Color

79.8857, 80.0560, 97.6281

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.4540, 81.0991, 91.6395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8857, 80.0560, 97.6281 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(240, 227, 245) looks like.

```
.text, #text, p{  
    color:rgb(240, 227, 245)  
}
```

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(240, 227, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 227, 245) }
```

Border

The CSS property to change the border of an element to XYZ 79.8857, 80.0560, 97.6281 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(240, 227, 245) }
```


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

```
.border{ border-color:rgb(240, 227, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 227, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 227, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 227, 245);  
box-shadow:4px 4px 4px 4px rgb(240, 227,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8857, 80.0560, 97.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 227, 245) }
```

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

```
.background{ background-color: rgb(240,  
227, 245) }
```

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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