

Converting Colors

XYZ(79.8452, 80.5371, 83.6013)

Have a look what the booklet for
XYZ(79.8452, 80.5371, 83.6013)
contains.

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Color

**XYZ(79.5543, 80.2033,
83.2393)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E3E2
RGB	247, 227, 226
RGB Percent	97%, 89%, 89%
CMY	0.0314, 0.1098, 0.1137
CMYK	0.00, 0.08, 0.09, 0.03
HSL	3°, 57%, 93%
HSV	3°, 9%, 97%
XYZ	79.5543, 80.2033, 83.2393
YIQ	232.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

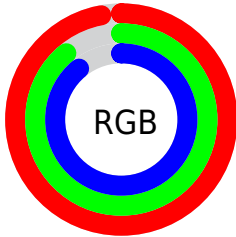
Format	Color
R _Y B	247, 227, 226
Decimal	16245730
CIE Lab	91.78, 6.66, 2.95
CIE LCh	92, 7.278, 23.879
Yxy	80.2033, 0.3274, 0.3301
Android (android.graphics.Color)	4294435810 (0xFF7E3E2)
YUV	232.8660, -3.3849, 12.3955
Hunter-Lab	89.5563, 1.8409, 7.5815

Details

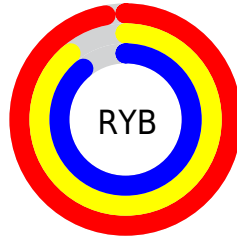
The XYZ color **79.5543, 80.2033, 83.2393** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.1080, 88.7941, 100.8607**, and the grayscale version is **77.3714, 81.4007, 88.6454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5891, 43.5217, 44.6312** is the 20% darker color. If you saturate the color by 10%, you get **70.4074, 66.9479, 64.6558**, and if you desaturate by 10%, it is **90.0726, 95.4184, 104.6907**.

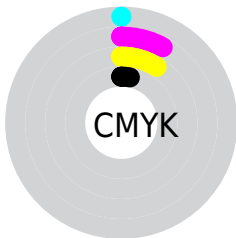
Distribution



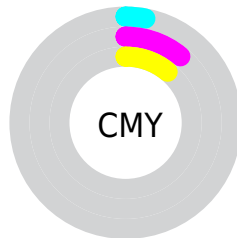
- Red (97%)
- Green (89%)
- Blue (89%)



- Red (97%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5543, 80.2033, 83.2393 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 79.5543, 80.2033, 83.2393 by changing the saturation by 10% instead.

79.5543, 80.2033,
83.2393

79.5543, 80.2033,
83.2393

482.1890,
495.6177, 525.7756

59.6589, 59.8857,
61.8458

131.6927,
133.6515, 139.7628

43.3921, 43.3265,
44.4732

164.6664,
167.5509, 175.7299

30.3888, 30.1414,
30.7027

202.7303,
206.7463, 217.3920

20.2834, 19.9459,
20.1160

246.2496,
251.6222, 265.1675

12.7107, 12.3557,
12.2945

295.5898,
302.5628, 319.4751

7.3052, 6.9864,
6.8196

351.1162,

3.7017, 3.4536,

359.9527, 380.7333

3.2728

413.1941,
424.1762, 449.3606

■ 1.5348, 1.3729,
1.2356

■ 0.3493, 0.1966,
0.0081

■ 79.5543, 80.2033,
83.2393

■ 79.5543, 80.2033,
83.2393

■ 70.4074, 66.9479,
64.6558

■ 90.0726, 95.4184,
104.6907

■ 62.5691, 55.5625,
48.8138

■ 92.1682, 98.5144,
108.7651

■ 55.9816, 45.9662,
35.5852

■ 50.5801, 38.0680,
24.8295

■ 46.2940, 31.7690,
16.3931

■ 43.0454, 26.9601,
10.1054

■ 40.7461, 23.5184,
5.7723

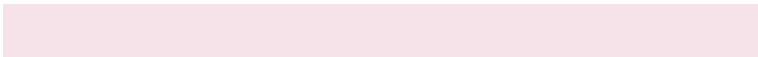
■ 39.2934, 21.3017,
3.1646

■ 38.5541, 20.1337,
1.9604

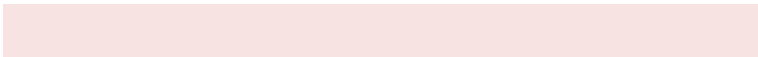
Harmonies

Analogous

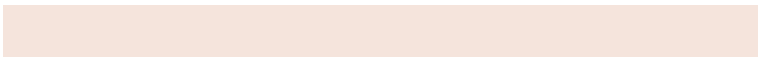
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8492, 80.2033, 88.4264



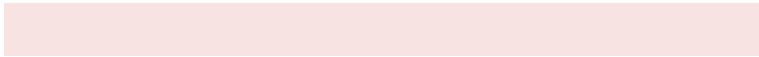
79.5543, 80.2033, 83.2393



78.3625, 80.2033, 79.2983

Triad

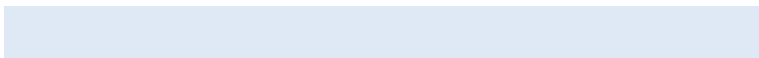
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5543, 80.2033, 83.2393



73.3730, 80.2033, 81.4173



75.8494, 80.2033, 97.9333

Complementary

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



79.5543, 80.2033, 83.2393



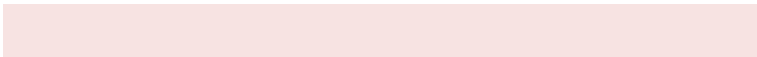
81.1080, 88.7941, 100.8607

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.



74.1381, 80.2033, 95.8818



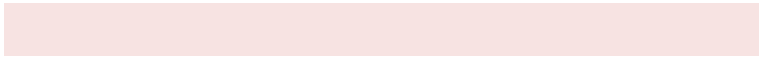
79.5543, 80.2033, 83.2393



72.7235, 80.2033, 86.2382

Square

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



79.5543, 80.2033, 83.2393



74.7896, 80.2033, 78.2767



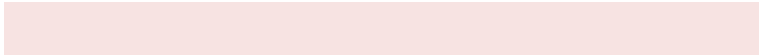
73.0012, 80.2033, 91.5479



77.6905, 80.2033, 97.0509

Rectangle

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



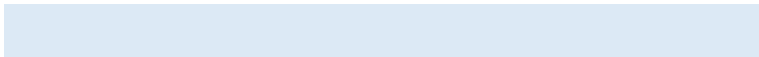
79.5543, 80.2033, 83.2393



77.2300, 80.2033, 77.8360



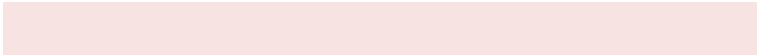
73.0012, 80.2033, 91.5479



75.2403, 80.2033, 97.5613

Sweetspot

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



79.5565, 80.2068, 83.2410



91.5627, 94.9573, 101.7818



82.2358, 80.8403, 98.7007



19.4036, 20.0433, 21.3886



0.0000, 0.0000, 0.0000



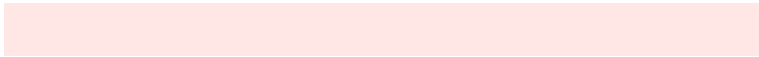
20.3446, 21.4041, 23.3091

Same Dimension

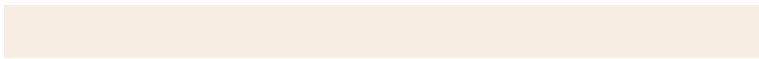
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5565, 80.2068, 83.2410



83.9503, 83.9401, 86.2727



82.4284, 85.9505, 84.1983



16.5627, 16.6095, 17.1306



20.3828, 10.6512, 0.9816



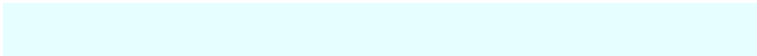
1.8134, 0.9800, 0.0936

Inverse Universe

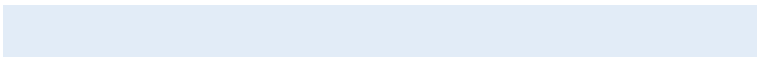
The Inverse Universe completely reimagines the original color for something new.



81.1080, 88.7941, 100.8607



85.8951, 94.7047, 108.3604



78.0915, 82.7611, 99.8552



16.9248, 18.6139, 21.2434



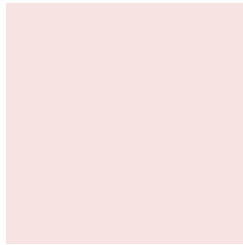
24.6499, 35.0936, 52.0126



2.1870, 3.1255, 4.5782

Previews

White Background



This preview shows how the XYZ color 79.5543, 80.2033, 83.2393 looks on a white background.

Color Contrast Check

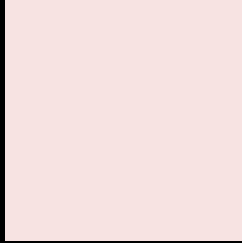
Large Text (above 18pt) WCAG AA × Fail

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 79.5543, 80.2033, 83.2393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

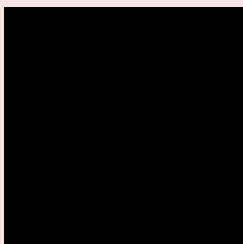
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.5543, 80.2033, 83.2393

Background



This preview shows how black text looks on a background with the XYZ color 79.5543, 80.2033, 83.2393.

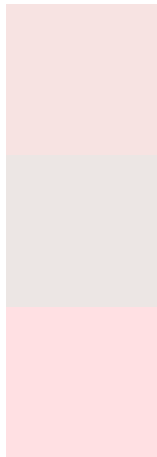


This preview shows how white text looks on a background with the XYZ color 79.5543, 80.2033,

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

79.5543, 80.2033, 83.2393

Protanopia

76.8925, 80.0279, 84.7931

Deuteranopia

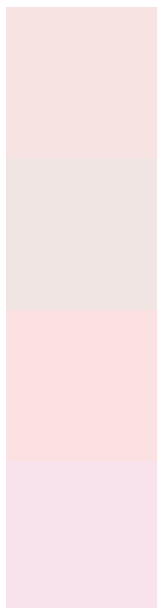
81.7608, 80.1174, 83.8280



Tritanopia

82.0191, 80.4010, 95.2005

Trichromacy



Original Color

79.5543, 80.2033, 83.2393

Protanomaly

77.8196, 80.1099, 84.0343

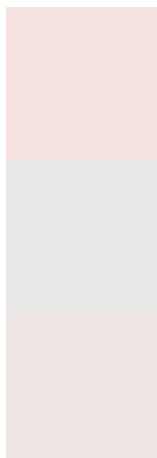
Deuteranomaly

80.9352, 80.0919, 83.8666

Tritanomaly

81.0481, 80.4053, 90.6050

Monochromacy



Original Color

79.5543, 80.2033, 83.2393

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

78.1187, 81.0421, 86.3883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5543, 80.2033, 83.2393 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(247, 227, 226)` looks like.

```
.text, #text, p{  
    color:rgb(247, 227, 226)  
}
```

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(247, 227, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 227, 226) }
```

Border

The CSS property to change the border of an element to XYZ 79.5543, 80.2033, 83.2393 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(247, 227, 226) }
```


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

```
.border{ border-color:rgb(247, 227, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 227, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 227, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 227, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 227,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5543, 80.2033, 83.2393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 227, 226) }
```

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

```
.background{ background-color: rgb(247,  
227, 226) }
```

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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