

Converting Colors

XYZ(57.7789, 52.1274, 40.5494)

Have a look what the booklet for
XYZ(57.7789, 52.1274, 40.5494)
contains.

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Color

**XYZ(57.8935, 52.1491,
40.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B0A1
RGB	240, 176, 161
RGB Percent	94%, 69%, 63%
CMY	0.0588, 0.3098, 0.3686
CMYK	0.00, 0.27, 0.33, 0.06
HSL	11°, 72%, 79%
HSV	11°, 33%, 94%
XYZ	57.8935, 52.1491, 40.7327
YIQ	193.4260, 42.9590, 8.9030

Conversions

Conversions Part 2

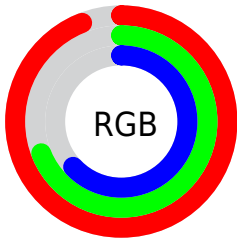
Format	Color
R _Y B	240, 180, 161
Decimal	15773857
CIE Lab	77.37, 21.38, 16.87
CIE LCh	77, 27.238, 38.279
Yxy	52.1491, 0.3840, 0.3459
Android (android.graphics.Color)	4293963937 (0xFFFF0B0A1)
YUV	193.4260, -15.9860, 40.8454
Hunter-Lab	72.2143, 16.7266, 17.1073

Details

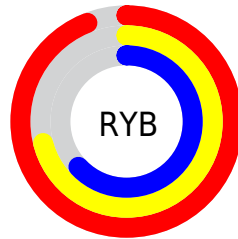
The XYZ color **57.8935, 52.1491, 40.7327** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.3504, 67.7165, 92.4860**, and the grayscale version is **51.0139, 53.6706, 58.4473**.

A 20% lighter version of the original color is **82.4913, 83.9311, 76.8183**, and **29.1347, 25.2151, 17.7994** is the 20% darker color. If you saturate the color by 10%, you get **52.4341, 44.2983, 29.4543**, and if you desaturate by 10%, it is **64.3079, 61.2592, 54.3346**.

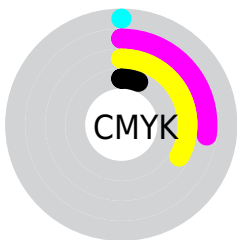
Distribution



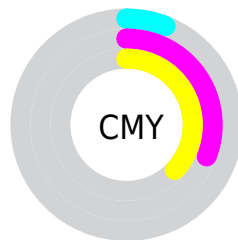
- Red (94%)
- Green (69%)
- Blue (63%)



- Red (94%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (33%)
- Black (6%)





- Cyan (6%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.8935, 52.1491, 40.7327 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 57.8935, 52.1491, 40.7327 by changing the saturation by 10% instead.

 57.8935, 52.1491,
40.7327


 57.8935, 52.1491,
40.7327


406.7492,
395.0119, 364.8457

 41.9660, 37.1239,
27.7922

 100.8916, 93.3511,
77.5272

 29.2656, 25.3035,
17.9314


 128.6929,
120.2967, 102.2183

 19.4272, 16.3033,
10.7318


161.1828,
151.9846, 131.6632

 12.0852, 9.7390,
5.7749

198.7267,
188.7992, 166.2806

 6.8743, 5.2263,
2.6421

241.6899,
231.1248, 206.4891

 3.4293, 2.3806,
0.9141

290.4379,

 1.3846, 0.8159,

279.3458, 252.7070

0.0000

345.3359,
333.8468, 305.3531

■ 0.2452, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8935, 52.1491,
40.7327

■ 57.8935, 52.1491,
40.7327

■ 52.4341, 44.2983,
29.4543

■ 64.3079, 61.2592,
54.3346

■ 47.8791, 37.6438,
20.3657

■ 71.7162, 71.6732,
70.3770

■ 44.1794, 32.1285,
13.3244

■ 80.1605, 83.4427,
88.9730

■ 41.2795, 27.6873,
8.1697

■ 89.3548, 96.4845,
108.5216

■ 39.1169, 24.2483,
4.7166

■ 89.7452, 97.2653,
108.6517

■ 37.6187, 21.7305,
2.7420

■ 36.8960, 20.4470,
2.0020

Harmonies

Analogous

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



60.2070, 52.1491, 52.7318



57.8935, 52.1491, 40.7327



53.3848, 52.1491, 33.9941

Triad

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



57.8935, 52.1491, 40.7327



40.7924, 52.1491, 46.7687



51.0294, 52.1491, 90.3453

Complementary

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



57.8935, 52.1491, 40.7327



57.3504, 67.7165, 92.4860

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.



45.9341, 52.1491, 87.9863



57.8935, 52.1491, 40.7327



40.2593, 52.1491, 61.0335

Square

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



57.8935, 52.1491, 40.7327



43.5895, 52.1491, 37.0281



42.0783, 52.1491, 76.5733



56.0656, 52.1491, 82.5453

Rectangle

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



57.8935, 52.1491, 40.7327



49.8691, 52.1491, 32.5700



42.0783, 52.1491, 76.5733



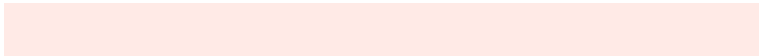
49.2645, 52.1491, 90.7375

Sweetspot

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



57.8949, 52.1516, 40.7337



84.9735, 85.9864, 86.6138



62.3416, 49.4800, 77.8693



17.9057, 18.0105, 17.9203



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.



57.8949, 52.1516, 40.7337



62.4237, 54.0871, 38.4028



66.6647, 69.6912, 43.6570



16.0157, 16.2446, 16.4411



20.2687, 11.3356, 1.1197



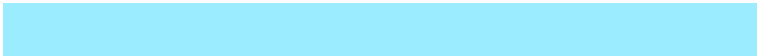
1.7522, 1.0751, 0.1152

Inverse Universe

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



57.3504, 67.7165, 92.4860



61.7008, 74.2979, 105.6967



47.9890, 48.9937, 89.3656



15.9773, 17.3888, 20.2359



19.3143, 24.8528, 48.9070



1.6717, 2.1974, 4.0902

Previews

White Background



This preview shows how the XYZ color 57.8935, 52.1491, 40.7327 looks on a white background.

Color Contrast Check

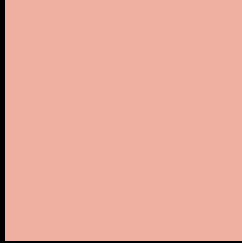
Large Text (above 18pt) WCAG AA × Fail

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 57.8935, 52.1491, 40.7327 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 57.8935, 52.1491, 40.7327

Background



This preview shows how black text looks on a background with the XYZ color 57.8935, 52.1491, 40.7327.



This preview shows how white text looks on a background with the XYZ color 57.8935, 52.1491,

40.7327.

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

57.8935, 52.1491, 40.7327

Protanopia

49.5181, 52.3681, 44.5440

Deuteranopia

53.2173, 52.1563, 40.0632



Tritanopia

60.5776, 52.1049, 53.3188

Trichromacy



Original Color

57.8935, 52.1491, 40.7327

Protanomaly

52.3748, 52.2815, 42.9282

Deuteranomaly

54.8639, 52.0798, 40.4185

Tritanomaly

59.4973, 51.9387, 48.4843

Monochromacy



Original Color

57.8935, 52.1491, 40.7327

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.6892, 52.5785, 51.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8935, 52.1491, 40.7327 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, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(240, 176, 161)  
}
```

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, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 57.8935, 52.1491, 40.7327 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, 176, 161) }
```


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

```
.border{ border-color:rgb(240, 176, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 176, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(240, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8935, 52.1491, 40.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 176, 161) }
```

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

```
.background{ background-color: rgb(240,  
176, 161) }
```

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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