

Converting Colors

XYZ(50.7947, 50.8285, 57.5914)

Have a look what the booklet for
XYZ(50.7947, 50.8285, 57.5914)
contains.

XYZ(50.7940, 50.8275, 57.5856)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.7940, 50.8275,
57.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B9C1
RGB	200, 185, 193
RGB Percent	78%, 73%, 76%
CMY	0.2157, 0.2745, 0.2431
CMYK	0.00, 0.07, 0.03, 0.22
HSL	328°, 12%, 75%
HSV	328°, 7%, 78%
XYZ	50.7940, 50.8275, 57.5856
YIQ	190.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

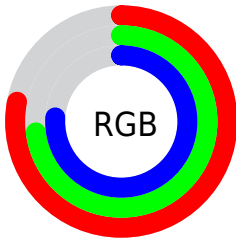
Format	Color
R _Y B	200, 185, 193
Decimal	13154753
CIE Lab	76.57, 6.73, -2.13
CIE LCh	77, 7.054, 342.442
Yxy	50.8275, 0.3190, 0.3193
Android (android.graphics.Color)	4291344833 (0xFFC8B9C1)
YUV	190.3970, 1.2833, 8.4218
Hunter-Lab	71.2934, 2.4114, 2.0153

Details

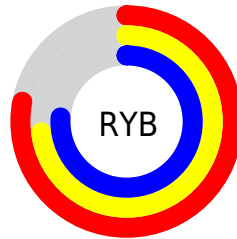
The XYZ color **50.7940, 50.8275, 57.5856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1782, 55.4300, 57.9262**, and the grayscale version is **49.1639, 51.7242, 56.3277**.

A 20% lighter version of the original color is **89.7942, 91.0101, 102.4566**, and **24.8389, 24.5070, 28.2321** is the 20% darker color. If you saturate the color by 10%, you get **45.8924, 42.6381, 50.9751**, and if you desaturate by 10%, it is **56.3528, 60.2247, 64.7408**.

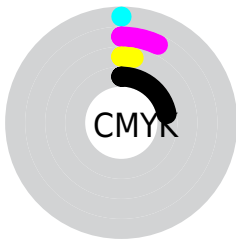
Distribution



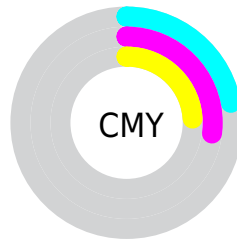
- Red (78%)
- Green (73%)
- Blue (76%)



- Red (78%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7940, 50.8275, 57.5856 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 50.7940, 50.8275, 57.5856 by changing the saturation by 10% instead.

■ 50.7940, 50.8275,
57.5856

■ 50.7940, 50.8275,
57.5856

380.1638,
389.8932, 433.1951

■ 36.2651, 36.0713,
41.0631

■ 90.5350, 91.3997,
102.8280

■ 24.8100, 24.4893,
28.0483

116.4778,
117.9846, 132.3849

■ 16.0636, 15.6970,
18.1227

146.9559,
149.2812, 167.1237

■ 9.6603, 9.3100,
10.8678

182.3347,
185.6738, 207.4630

■ 5.2348, 4.9439,
5.8649

222.9795,
227.5470, 253.8212

■ 2.4219, 2.2144,
2.6957

269.2557,

■ 0.8560, 0.7278,

275.2850, 306.6169

0.9412

321.5287,
329.2723, 366.2687

■ 0.0000, 0.0000,
0.0000

■ 50.7940, 50.8275,
57.5856

■ 50.7940, 50.8275,
57.5856

■ 45.8924, 42.6381,
50.9751

■ 56.3528, 60.2247,
64.7408

■ 41.6180, 35.6006,
44.8915

■ 62.5886, 70.8695,
72.4512

■ 37.9449, 29.6643,
39.3206

■ 69.5258, 82.8083,
80.7312

■ 34.8437, 24.7723,
34.2464

■ 73.9109, 89.5320,
88.5018

■ 32.2821, 20.8626,
29.6517

■ 75.2602, 90.0717,
95.6071

■ 30.2248, 17.8664,
25.5180

■ 76.6809, 90.6400,
103.0880

■ 28.6317, 15.7060,
21.8249

■ 77.6297, 91.0195,
108.0847

■ 27.4563, 14.2905,
18.5497

■ 26.6334, 13.4919,
15.6633

Harmonies

Analogous

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



50.0596, 50.8275, 60.9356



50.7940, 50.8275, 57.5856



50.8552, 50.8275, 53.7767

Triad

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



50.7940, 50.8275, 57.5856



47.7601, 50.8275, 48.4823



46.4439, 50.8275, 60.4431

Complementary

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



50.7940, 50.8275, 57.5856



50.1782, 55.4300, 57.9262

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.



45.8512, 50.8275, 56.9384



50.7940, 50.8275, 57.5856



46.6016, 50.8275, 50.1026

Square

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



50.7940, 50.8275, 57.5856



49.0870, 50.8275, 48.6377



45.9084, 50.8275, 53.1584



47.5413, 50.8275, 62.6368

Rectangle

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



50.7940, 50.8275, 57.5856



50.5046, 50.8275, 51.4991



45.9084, 50.8275, 53.1584



46.1800, 50.8275, 59.3726

Sweetspot

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



50.7955, 50.8297, 57.5867



93.0636, 96.6367, 106.3588



49.5144, 50.0769, 61.7004



19.9403, 20.7195, 22.7919



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.



50.7955, 50.8297, 57.5867



86.4835, 85.5505, 97.7718



49.9800, 50.5035, 53.2926



10.8663, 10.7299, 12.2791



16.8665, 8.4961, 9.7726



0.8350, 0.4168, 0.6542

Inverse Universe

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



50.7955, 50.8297, 57.5867



86.4835, 85.5505, 97.7718



51.0304, 55.7708, 62.4138



10.8663, 10.7299, 12.2791



16.8665, 8.4961, 9.7726



0.8350, 0.4168, 0.6542

Previews

White Background



This preview shows how the XYZ color 50.7940, 50.8275, 57.5856 looks on a white background.

Color Contrast Check

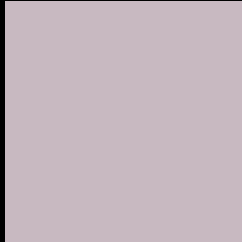
Large Text (above 18pt) WCAG AA × Fail

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 50.7940, 50.8275, 57.5856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

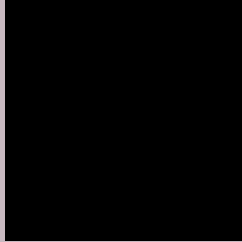
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7940, 50.8275, 57.5856

Background



This preview shows how black text looks on a background with the XYZ color 50.7940, 50.8275, 57.5856.



This preview shows how white text looks on a background with the XYZ color 50.7940, 50.8275,

57.5856.

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

50.7940, 50.8275, 57.5856

Protanopia

49.3194, 50.9829, 58.8710

Deuteranopia

51.7360, 50.6964, 57.5107



Tritanopia

51.5367, 50.8220, 61.1262

Trichromacy



Original Color

50.7940, 50.8275, 57.5856

Protanomaly

49.7561, 50.9050, 58.2422

Deuteranomaly

51.3947, 50.8277, 57.5540

Tritanomaly

51.3059, 50.7297, 59.9110

Monochromacy



Original Color

50.7940, 50.8275, 57.5856

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6353, 51.1974, 56.5562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7940, 50.8275, 57.5856 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(200, 185, 193)` looks like.

```
.text, #text, p{  
    color:rgb(200, 185, 193)  
}
```

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(200, 185, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 185, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.7940, 50.8275, 57.5856 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(200, 185, 193) }
```


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

```
.border{ border-color:rgb(200, 185, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 185, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 185, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 185, 193);  
box-shadow:4px 4px 4px 4px rgb(200, 185,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7940, 50.8275, 57.5856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 185, 193) }
```

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

```
.background{ background-color: rgb(200,  
185, 193) }
```

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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