

Converting Colors

XYZ(49.8473, 52.9414, 57.5904)

Have a look what the booklet for
XYZ(49.8473, 52.9414, 57.5904)
contains.

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Color

**XYZ(49.8196, 52.8928,
57.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC1C0
RGB	190, 193, 192
RGB Percent	75%, 76%, 75%
CMY	0.2549, 0.2431, 0.2471
CMYK	0.02, 0.00, 0.01, 0.24
HSL	160°, 2%, 75%
HSV	160°, 2%, 76%
XYZ	49.8196, 52.8928, 57.4527
YIQ	191.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

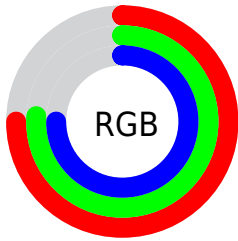
Format	Color
RYB	190, 192, 193
Decimal	12501440
CIELab	77.81, -1.22, 0.13
CIELCh	78, 1.226, 173.922
Yxy	52.8928, 0.3111, 0.3302
Android (android.graphics.Color)	4290691520 (0xFFBEC1C0)
YUV	191.9890, 0.0054, -1.7444
Hunter-Lab	72.7274, -4.9973, 4.0717

Details

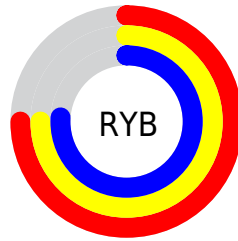
The XYZ color **49.8196, 52.8928, 57.4527** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8117, 51.9274, 56.6905**, and the grayscale version is **50.0983, 52.7073, 57.3983**.

A 20% lighter version of the original color is **88.8250, 94.1215, 102.2926**, and **24.3548, 25.9386, 28.1491** is the 20% darker color. If you saturate the color by 10%, you get **44.6161, 50.2925, 53.5621**, and if you desaturate by 10%, it is **55.6958, 55.8392, 61.5403**.

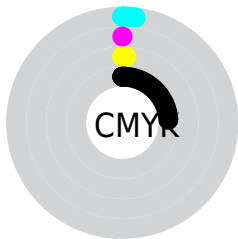
Distribution



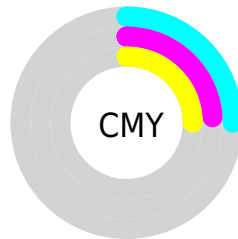
- Red (75%)
- Green (76%)
- Blue (75%)



- Red (75%)
- Yellow (75%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.8196, 52.8928, 57.4527 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 49.8196, 52.8928, 57.4527 by changing the saturation by 10% instead.

■ 49.8196, 52.8928,
57.4527

■ 49.8196, 52.8928,
57.4527

376.4237,
397.8737, 432.6846

■ 35.4873, 37.7172,
40.9570

■ 89.1010, 94.4466,
102.6323

■ 24.2068, 25.7633,
27.9661

114.7807,
121.5936, 132.1534

■ 15.6126, 16.6466,
18.0613

144.9737,
153.4998, 166.8532

■ 9.3396, 9.9829,
10.8241

180.0451,
190.5497, 207.1505

■ 5.0222, 5.3876,
5.8360

220.3605,
233.1277, 253.4638

■ 2.2952, 2.4764,
2.6784

266.2852,

■ 0.7922, 0.8648,

281.6181, 306.2115

0.9325

318.1845,
336.4053, 365.8123

■ 0.0000, 0.0000,
0.0000

■ 49.8196, 52.8928,
57.4527

■ 49.8196, 52.8928,
57.4527

■ 44.6161, 50.2925,
53.5621

■ 55.6958, 55.8392,
61.5403

■ 40.0554, 48.0186,
49.8619

■ 62.2642, 59.1373,
65.8246

■ 36.1123, 46.0595,
46.3497

■ 69.5488, 62.8010,
70.3099

■ 32.7577, 44.4003,
43.0222

■ 72.9384, 64.4529,
74.7822

■ 29.9605, 43.0250,
39.8757

■ 73.7977, 64.7966,
79.3074

■ 27.6864, 41.9161,
36.9062

■ 74.6902, 65.1536,
84.0073

■ 25.8973, 41.0538,
34.1098

■ 75.6163, 65.5240,
88.8839

■ 24.5495, 40.4157,
31.4821

■ 76.5762, 65.9080,
93.9388

■ 23.5912, 39.9753,
29.0182

■ 77.5704, 66.3057,
99.1741

Harmonies

Analogous

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



49.9043, 52.8928, 56.8234



49.8196, 52.8928, 57.4527



49.8561, 52.8928, 58.1240

Triad

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



49.8196, 52.8928, 57.4527



50.4587, 52.8928, 58.7969



50.5428, 52.8928, 56.5391

Complementary

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



49.8196, 52.8928, 57.4527



49.8117, 51.9274, 56.6905

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.



50.6923, 52.8928, 57.0618



49.8196, 52.8928, 57.4527



50.6436, 52.8928, 58.3661

Square

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



49.8196, 52.8928, 57.4527



50.2246, 52.8928, 58.9036



50.7292, 52.8928, 57.7301



50.3215, 52.8928, 56.2986

Rectangle

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



49.8196, 52.8928, 57.4527



49.9443, 52.8928, 58.5047



50.7292, 52.8928, 57.7301



50.6032, 52.8928, 56.6874

Sweetspot

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



49.8211, 52.8951, 57.4539



90.7827, 95.5105, 104.0109



49.8644, 52.9428, 56.3069



19.4759, 20.4902, 22.3138



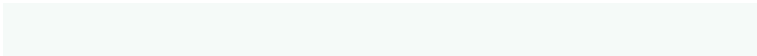
92.9021, 97.7402, 106.4391

Same Dimension

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



49.8211, 52.8951, 57.4539



88.7556, 94.4956, 102.5560



49.8332, 52.7408, 58.0082



11.1038, 11.8110, 12.8219



15.3369, 26.4288, 18.1989



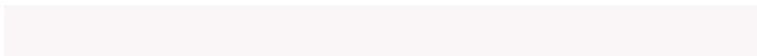
0.6936, 1.1543, 0.9492

Inverse Universe

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



49.8117, 51.9274, 56.6905



88.7337, 92.2400, 100.7768



49.7994, 52.0788, 56.1436



11.1013, 11.5508, 12.6167



15.2855, 7.8040, 4.1495



0.6928, 0.3501, 0.3499

Previews

White Background



This preview shows how the XYZ color 49.8196, 52.8928, 57.4527 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 49.8196, 52.8928, 57.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

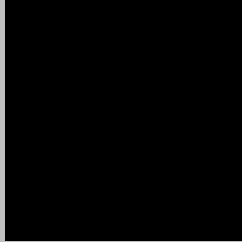
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

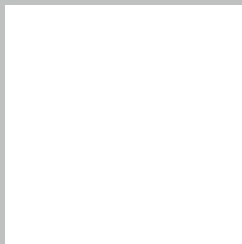
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.8196, 52.8928, 57.4527

Background



This preview shows how black text looks on a background with the XYZ color 49.8196, 52.8928, 57.4527.



This preview shows how white text looks on a background with the XYZ color 49.8196, 52.8928,

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

49.8196, 52.8928, 57.4527

Protanopia

50.7997, 52.7590, 56.7963

Deuteranopia

53.7629, 52.6697, 57.7847



Tritanopia

51.5096, 52.9243, 65.8931

Trichromacy



Original Color

49.8196, 52.8928, 57.4527

Protanomaly

50.5017, 52.9302, 56.8450

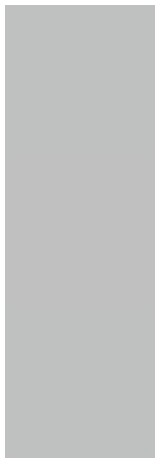
Deuteranomaly

52.4518, 52.9420, 57.9064

Tritanomaly

50.8781, 52.9927, 62.8054

Monochromacy



Original Color

49.8196, 52.8928, 57.4527

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8499, 52.5814, 57.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.8196, 52.8928, 57.4527 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(190, 193, 192) looks like.

```
.text, #text, p{  
    color:rgb(190, 193, 192)  
}
```

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(190, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.8196, 52.8928, 57.4527 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(190, 193, 192) }
```

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

```
.border{ border-color:rgb(190, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 193,  
192) }
```


Background

The CSS property to change the background color of an element to XYZ 49.8196, 52.8928, 57.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 193, 192) }
```

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

```
.background{ background-color: rgb(190,  
193, 192) }
```

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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