

Converting Colors

XYZ(49.7635, 53.4725, 57.4009)

Have a look what the booklet for
XYZ(49.7635, 53.4725, 57.4009)
contains.

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Color

**XYZ(49.7686, 53.5274,
57.5779)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC3C0
RGB	188, 195, 192
RGB Percent	74%, 76%, 75%
CMY	0.2627, 0.2353, 0.2471
CMYK	0.04, 0.00, 0.02, 0.24
HSL	154°, 6%, 75%
HSV	154°, 4%, 76%
XYZ	49.7686, 53.5274, 57.5779
YIQ	192.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

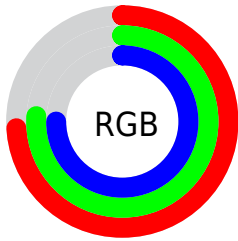
Format	Color
RYB	188, 192, 195
Decimal	12370880
CIELab	78.19, -2.97, 0.66
CIELCh	78, 3.039, 167.520
Yxy	53.5274, 0.3094, 0.3327
Android (android.graphics.Color)	4290560960 (0xFFBCC3C0)
YUV	192.5650, -0.2785, -4.0035
Hunter-Lab	73.1624, -6.6099, 4.5532

Details

The XYZ color **49.7686, 53.5274, 57.5779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8949, 51.3315, 56.5711**, and the grayscale version is **50.4376, 53.0642, 57.7870**.

A 20% lighter version of the original color is **89.0619, 95.6312, 102.5715**, and **24.1768, 26.0647, 28.1828** is the 20% darker color. If you saturate the color by 10%, you get **44.3854, 50.8578, 52.6263**, and if you desaturate by 10%, it is **55.8567, 56.5573, 62.8396**.

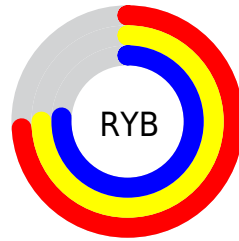
Distribution



Red (74%)

Green (76%)

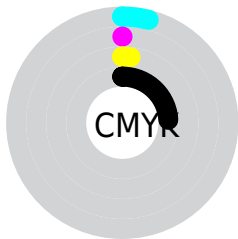
Blue (75%)



Red (74%)

Yellow (75%)

Blue (76%)

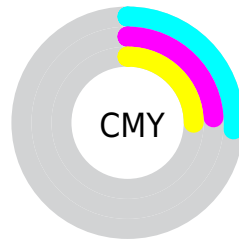


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (24%)



Cyan (26%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7686, 53.5274, 57.5779 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 49.7686, 53.5274, 57.5779 by changing the saturation by 10% instead.

■ 49.7686, 53.5274,
57.5779

■ 49.7686, 53.5274,
57.5779

376.2273,
400.3053, 433.1655

■ 35.4466, 38.2240,
41.0569

■ 89.0258, 95.3800,
102.8166

■ 24.1752, 26.1566,
28.0435

114.6917,
122.6979, 132.3715

■ 15.5891, 16.9408,
18.1192

144.8697,
154.7895, 167.1080

■ 9.3229, 10.1923,
10.8652

179.9250,
192.0390, 207.4449

■ 5.0112, 5.5266,
5.8633

220.2231,
234.8310, 253.8005

■ 2.2886, 2.5594,
2.6947

266.1293,

■ 0.7888, 0.9063,

283.5498, 306.5934

0.9407

318.0089,
338.5797, 366.2423

■ 0.0000, 0.0000,
0.0000

■ 49.7686, 53.5274,
57.5779

■ 49.7686, 53.5274,
57.5779

■ 44.3854, 50.8578,
52.6263

■ 55.8567, 56.5573,
62.8396

■ 39.6757, 48.5279,
47.9755

■ 62.6702, 59.9535,
68.4134

■ 35.6126, 46.5255,
43.6207

■ 70.2348, 63.7306,
74.3059

■ 32.1656, 44.8349,
39.5557

■ 74.4085, 65.7532,
80.3276

■ 29.3015, 43.4392,
35.7740

■ 75.5808, 66.2222,
86.5007

■ 26.9840, 42.3196,
32.2690

■ 76.8098, 66.7138,
92.9725

■ 25.1724, 41.4554,
29.0335

■ 78.0962, 67.2283,
99.7469

■ 23.8199, 40.8226,
26.0599

■ 78.8062, 67.5123,
103.4854

■ 22.8703, 40.3923,
23.3401

Harmonies

Analogous

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



50.0381, 53.5274, 56.0999



49.7686, 53.5274, 57.5779



49.7942, 53.5274, 59.2730

Triad

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



49.7686, 53.5274, 57.5779



51.2210, 53.5274, 61.4591



51.6518, 53.5274, 55.9017

Complementary

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



49.7686, 53.5274, 57.5779



49.8949, 51.3315, 56.5711

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.



51.9737, 53.5274, 57.3026



49.7686, 53.5274, 57.5779



51.7236, 53.5274, 60.5204

Square

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



49.7686, 53.5274, 57.5779



50.6297, 53.5274, 61.5363



52.0001, 53.5274, 58.9923



51.1235, 53.5274, 55.1449

Rectangle

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



49.7686, 53.5274, 57.5779



49.9752, 53.5274, 60.2983



52.0001, 53.5274, 58.9923



51.7879, 53.5274, 56.3117

Sweetspot

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



49.7701, 53.5297, 57.5791



91.8201, 97.2022, 105.4932



50.0884, 53.7443, 55.3115



20.1192, 21.2921, 23.1121



0.0000, 0.0000, 0.0000



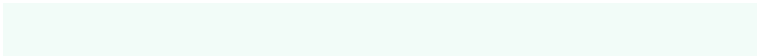
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7701, 53.5297, 57.5791



88.6526, 95.6281, 102.6898



50.0019, 53.4553, 59.3151



10.7421, 11.6321, 12.4632



14.6049, 26.1360, 14.3446



0.6650, 1.1429, 0.7987

Inverse Universe

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



49.8949, 51.3315, 56.5711



88.9046, 91.1894, 100.6545



49.6676, 51.4005, 54.8812



10.7774, 11.0103, 12.1781



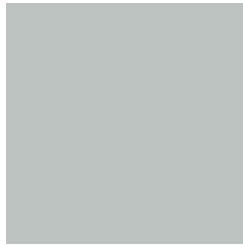
15.6984, 7.9691, 6.3237



0.7128, 0.3581, 0.4547

Previews

White Background



This preview shows how the XYZ color 49.7686, 53.5274, 57.5779 looks on a white background.

Color Contrast Check

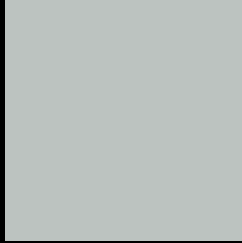
Large Text (above 18pt) WCAG AA × Fail

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 49.7686, 53.5274, 57.5779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

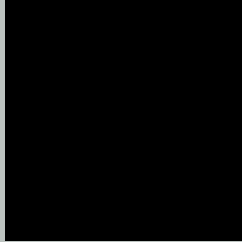
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.7686, 53.5274, 57.5779

Background



This preview shows how black text looks on a background with the XYZ color 49.7686, 53.5274, 57.5779.



This preview shows how white text looks on a background with the XYZ color 49.7686, 53.5274,

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

49.7686, 53.5274, 57.5779

Protanopia

51.1699, 53.2873, 56.3037

Deuteranopia

54.3719, 53.2846, 58.4582



Tritanopia

51.9410, 53.7704, 67.3156

Trichromacy



Original Color

49.7686, 53.5274, 57.5779

Protanomaly

50.7221, 53.3709, 56.9185

Deuteranomaly

52.6677, 53.3737, 57.9783

Tritanomaly

51.1877, 53.7950, 63.5627

Monochromacy



Original Color

49.7686, 53.5274, 57.5779

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4033, 53.5102, 58.1240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7686, 53.5274, 57.5779 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(188, 195, 192) looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 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(188, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.7686, 53.5274, 57.5779 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(188, 195, 192) }
```


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

```
.border{ border-color:rgb(188, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7686, 53.5274, 57.5779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 192) }
```

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

```
.background{ background-color: rgb(188,  
195, 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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