

Converting Colors

XYZ(49.5654, 54.4211, 60.4667)

Have a look what the booklet for
XYZ(49.5654, 54.4211, 60.4667)
contains.

XYZ(49.5635, 54.3645, 60.7044)	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(49.5635, 54.3645,
60.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6C5
RGB	182, 198, 197
RGB Percent	71%, 78%, 77%
CMY	0.2863, 0.2235, 0.2274
CMYK	0.08, 0.00, 0.01, 0.22
HSL	176°, 12%, 75%
HSV	176°, 8%, 78%
XYZ	49.5635, 54.3645, 60.7044
YIQ	193.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

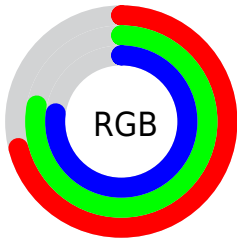
Format	Color
RYB	182, 190, 198
Decimal	11978437
CIELab	78.67, -5.63, -1.38
CIELCh	79, 5.793, 193.750
Yxy	54.3645, 0.3011, 0.3302
Android (android.graphics.Color)	4290168517 (0xFFB6C6C5)
YUV	193.1020, 1.9217, -9.7365
Hunter-Lab	73.7323, -9.0422, 2.7987

Details

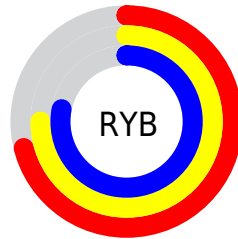
The XYZ color **49.5635, 54.3645, 60.7044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5659, 48.8819, 51.6777**, and the grayscale version is **50.7427, 53.3853, 58.1366**.

A 20% lighter version of the original color is **88.9093, 96.8529, 107.7744**, and **23.9844, 26.5968, 29.8562** is the 20% darker color. If you saturate the color by 10%, you get **45.0728, 52.0673, 59.7558**, and if you desaturate by 10%, it is **54.7197, 57.0076, 61.6925**.

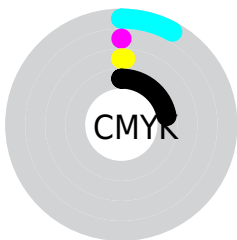
Distribution



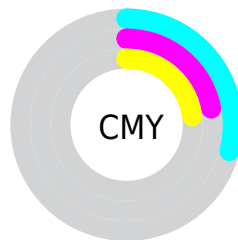
- Red (71%)
- Green (78%)
- Blue (77%)



- Red (71%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5635, 54.3645, 60.7044 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 49.5635, 54.3645, 60.7044 by changing the saturation by 10% instead.

■ 49.5635, 54.3645,
60.7044

■ 49.5635, 54.3645,
60.7044

375.4368,
403.4984, 445.0658

■ 35.2831, 38.8931,
43.5576

■ 88.7235, 96.6092,
107.4042

■ 24.0485, 26.6766,
29.9883

114.3338,
124.1514, 137.7943

■ 15.4946, 17.3305,
19.5777

144.4514,
156.4859, 173.4359

■ 9.2558, 10.4704,
11.9074

179.4417,
193.9973, 214.7476

■ 4.9668, 5.7120,
6.5589

219.6700,
237.0698, 262.1479

■ 2.2624, 2.6707,
3.1136

265.5017,

■ 0.7753, 0.9624,

286.0879, 316.0553

1.1529

317.3022,
341.4360, 376.8885

■ 0.0000, 0.0000,
0.0000

■ 49.5635, 54.3645,
60.7044

■ 49.5635, 54.3645,
60.7044

■ 45.0728, 52.0673,
59.7558

■ 54.7197, 57.0076,
61.6925

■ 41.2153, 50.0949,
58.8419

■ 60.5627, 60.0032,
62.7177

■ 37.9630, 48.4344,
57.9624

■ 67.1187, 63.3661,
63.7824

■ 35.2841, 47.0694,
57.1157

■ 72.0918, 65.9130,
64.7792

■ 33.1437, 45.9818,
56.3004

■ 72.2394, 65.9720,
65.5564

■ 31.5033, 45.1518,
55.5144

■ 72.3882, 66.0315,
66.3397

■ 30.3190, 44.5568,
54.7559

■ 72.5381, 66.0915,
67.1294

■ 29.5395, 44.1704,
54.0223

■ 72.6893, 66.1519,
67.9253

■ 29.0875, 43.9527,
53.3100

■ 72.8416, 66.2129,
68.7275

Harmonies

Analogous

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



49.5877, 54.3645, 57.4474



49.5635, 54.3645, 60.7044



50.0983, 54.3645, 63.6599

Triad

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



49.5635, 54.3645, 60.7044



53.2086, 54.3645, 63.8643



52.2901, 54.3645, 53.3466

Complementary

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



49.5635, 54.3645, 60.7044



48.5659, 48.8819, 51.6777

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.



53.2779, 54.3645, 54.9414



49.5635, 54.3645, 60.7044



53.8136, 54.3645, 60.9750

Square

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



49.5635, 54.3645, 60.7044



52.1967, 54.3645, 65.5293



53.8391, 54.3645, 57.7083



51.1505, 54.3645, 53.2802

Rectangle

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



49.5635, 54.3645, 60.7044



50.7046, 54.3645, 65.0283



53.8391, 54.3645, 57.7083



52.6513, 54.3645, 53.7190

Sweetspot

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



49.5651, 54.3668, 60.7056



93.1471, 99.0249, 108.5425



48.1834, 53.8434, 52.1100



19.9572, 21.2056, 23.2363



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.



49.5651, 54.3668, 60.7056



86.0265, 95.3778, 107.1398



48.1313, 51.3148, 60.7968



10.9169, 12.0556, 13.5125



18.8799, 28.5643, 34.6418



0.9029, 1.3561, 1.6872

Inverse Universe

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



48.5659, 48.8819, 51.6777



83.8356, 83.3508, 87.3441



49.9174, 51.7515, 51.6148



10.6604, 10.6475, 11.1949



15.2013, 7.8301, 1.0040



0.7294, 0.3746, 0.0981

Previews

White Background



This preview shows how the XYZ color 49.5635, 54.3645, 60.7044 looks on a white background.

Color Contrast Check

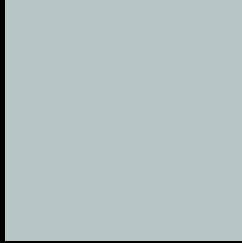
Large Text (above 18pt) WCAG AA × Fail

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 49.5635, 54.3645, 60.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

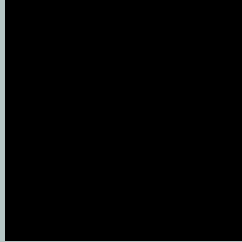
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

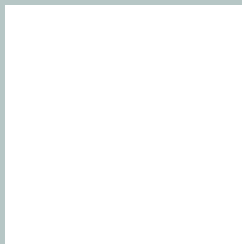
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.5635, 54.3645, 60.7044

Background



This preview shows how black text looks on a background with the XYZ color 49.5635, 54.3645, 60.7044.

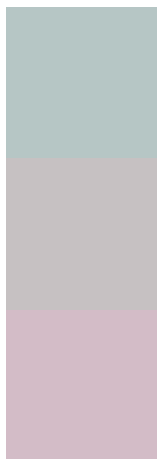


This preview shows how white text looks on a background with the XYZ color 49.5635, 54.3645,

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

49.5635, 54.3645, 60.7044

Protanopia

52.0963, 54.0407, 58.7241

Deuteranopia

55.1560, 53.9388, 61.5370



Tritanopia

51.2650, 54.3734, 69.4212

Trichromacy



Original Color

49.5635, 54.3645, 60.7044

Protanomaly

51.1037, 54.1768, 59.3935

Deuteranomaly

52.8621, 54.0559, 61.0738

Tritanomaly

50.6353, 54.4560, 66.2348

Monochromacy



Original Color

49.5635, 54.3645, 60.7044

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.2390, 53.7441, 58.7647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5635, 54.3645, 60.7044 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(182, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 197)  
}
```

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(182, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 49.5635, 54.3645, 60.7044 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(182, 198, 197) }
```


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

```
.border{ border-color:rgb(182, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5635, 54.3645, 60.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 197) }
```

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

```
.background{ background-color: rgb(182,  
198, 197) }
```

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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