

Converting Colors

XYZ(48.5622, 53.1148, 59.8052)

Have a look what the booklet for
XYZ(48.5622, 53.1148, 59.8052)
contains.

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Color

**XYZ(48.5261, 53.1687,
59.9295)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C4C4
RGB	180, 196, 196
RGB Percent	71%, 77%, 77%
CMY	0.2941, 0.2314, 0.2314
CMYK	0.08, 0.00, 0.00, 0.23
HSL	180°, 12%, 74%
HSV	180°, 8%, 77%
XYZ	48.5261, 53.1687, 59.9295
YIQ	191.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

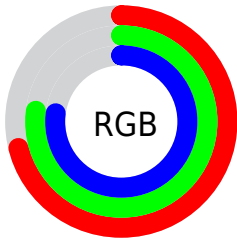
Format	Color
RYB	180, 188, 196
Decimal	11846852
CIELab	77.97, -5.44, -1.88
CIELCh	78, 5.756, 199.055
Yxy	53.1687, 0.3002, 0.3290
Android (android.graphics.Color)	4290036932 (0xFFB4C4C4)
YUV	191.2160, 2.3585, -9.8364
Hunter-Lab	72.9169, -8.8130, 2.3121

Details

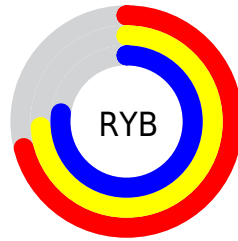
The XYZ color **48.5261, 53.1687, 59.9295** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3264, 47.6749, 49.8903**, and the grayscale version is **49.6385, 52.2236, 56.8715**.

A 20% lighter version of the original color is **87.4470, 95.1753, 106.6902**, and **23.3079, 25.8110, 29.3448** is the 20% darker color. If you saturate the color by 10%, you get **44.2820, 50.9823, 59.7297**, and if you desaturate by 10%, it is **53.4186, 55.6923, 60.1619**.

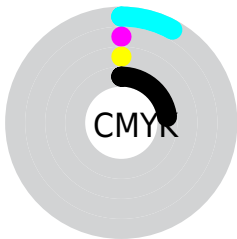
Distribution



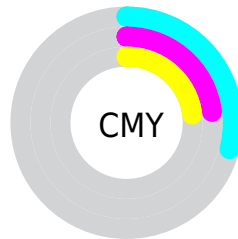
- Red (71%)
- Green (77%)
- Blue (77%)



- Red (71%)
- Yellow (74%)
- Blue (77%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5261, 53.1687, 59.9295 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 48.5261, 53.1687, 59.9295 by changing the saturation by 10% instead.

■ 48.5261, 53.1687,
59.9295

■ 48.5261, 53.1687,
59.9295

371.4217,
398.9320, 442.1353

■ 34.4567, 37.9375,
42.9369

■ 87.1922, 94.8526,
106.2698

■ 23.4092, 25.9342,
29.5046

112.5195,
122.0740, 136.4545

■ 15.0183, 16.7744,
19.2140

142.3302,
154.0609, 171.8737

■ 8.9186, 10.0738,
11.6466

176.9897,
191.1977, 212.9458

■ 4.7448, 5.4479,
6.3839

216.8632,
233.8689, 260.0896

■ 2.1315, 2.5124,
3.0074

262.3161,

■ 0.7063, 0.8828,

282.4587, 313.7233

1.0984

313.7138,
337.3516, 374.2657

■ 0.0000, 0.0000,
0.0000

■ 48.5261, 53.1687,
59.9295

■ 48.5261, 53.1687,
59.9295

■ 44.2820, 50.9823,
59.7297

■ 53.4186, 55.6923,
60.1619

■ 40.6546, 49.1124,
59.5576

■ 58.9801, 58.5593,
60.4245

■ 37.6168, 47.5464,
59.4131

■ 65.2363, 61.7844,
60.7196

■ 35.1373, 46.2682,
59.2947

■ 70.9467, 64.7282,
60.9892

■ 33.1823, 45.2604,
59.2009

■ 70.9471, 64.7284,
60.9915

■ 31.7139, 44.5035,
59.1299

■ 70.9476, 64.7285,
60.9938

■ 30.6896, 43.9755,
59.0796

■ 70.9480, 64.7287,
60.9962

■ 30.0592, 43.6506,
59.0478

■ 70.9485, 64.7289,
60.9985

■ 29.7459, 43.4891,
59.0308

■ 70.9489, 64.7291,
61.0009

Harmonies

Analogous

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



48.4494, 53.1687, 56.7280



48.5261, 53.1687, 59.9295



49.1365, 53.1687, 62.6784

Triad

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



48.5261, 53.1687, 59.9295



52.1801, 53.1687, 62.0301



50.9454, 53.1687, 52.0426

Complementary

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



48.5261, 53.1687, 59.9295



47.3264, 47.6749, 49.8903

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.



51.9603, 53.1687, 53.3551



48.5261, 53.1687, 59.9295



52.6801, 53.1687, 59.0711

Square

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



48.5261, 53.1687, 59.9295



51.2419, 53.1687, 63.9218



52.5991, 53.1687, 55.9006



49.8352, 53.1687, 52.2533

Rectangle

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



48.5261, 53.1687, 59.9295



49.7690, 53.1687, 63.8474



52.5991, 53.1687, 55.9006



51.3093, 53.1687, 52.3183

Sweetspot

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



48.5276, 53.1709, 59.9307



93.1983, 99.0455, 108.8125



46.8642, 52.5127, 50.8467



19.9677, 21.2098, 23.2913



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.



48.5276, 53.1709, 59.9307



86.2821, 95.4801, 108.4854



46.8279, 49.7710, 59.3659



10.3685, 11.4284, 12.9438



19.0832, 27.9273, 37.9266



0.8246, 1.2067, 1.6388

Inverse Universe

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



47.3264, 47.6749, 49.8903



83.6114, 83.2611, 86.1632



48.9314, 50.8856, 50.4237



10.0733, 10.0779, 10.4766



14.6277, 7.5408, 0.6855



0.6320, 0.3258, 0.0298

Previews

White Background



This preview shows how the XYZ color 48.5261, 53.1687, 59.9295 looks on a white background.

Color Contrast Check

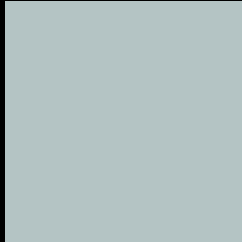
Large Text (above 18pt) WCAG AA × Fail

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 48.5261, 53.1687, 59.9295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

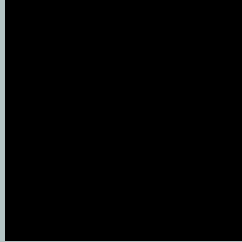
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

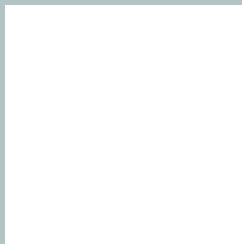
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5261, 53.1687, 59.9295

Background



This preview shows how black text looks on a background with the XYZ color 48.5261, 53.1687, 59.9295.

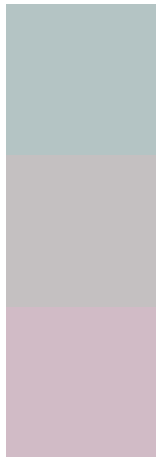


This preview shows how white text looks on a background with the XYZ color 48.5261, 53.1687,

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

48.5261, 53.1687, 59.9295

Protanopia

51.2402, 53.2853, 58.0365

Deuteranopia

54.2579, 53.1732, 60.8298



Tritanopia

50.0918, 53.1321, 67.9370

Trichromacy



Original Color

48.5261, 53.1687, 59.9295

Protanomaly

50.0428, 52.9821, 58.6280

Deuteranomaly

51.7802, 52.8639, 60.2980

Tritanomaly

49.4702, 53.2136, 64.7906

Monochromacy



Original Color

48.5261, 53.1687, 59.9295

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.1891, 52.5550, 58.0037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5261, 53.1687, 59.9295 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(180, 196, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 196)  
}
```

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(180, 196, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 196) }
```

Border

The CSS property to change the border of an element to XYZ 48.5261, 53.1687, 59.9295 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(180, 196, 196) }
```


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

```
.border{ border-color:rgb(180, 196, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5261, 53.1687, 59.9295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 196) }
```

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

```
.background{ background-color: rgb(180,  
196, 196) }
```

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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