

Converting Colors

XYZ(48.5747, 53.3965, 61.4443)

Have a look what the booklet for
XYZ(48.5747, 53.3965, 61.4443)
contains.

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Color

**XYZ(48.5194, 53.4747,
61.1905)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C5C6
RGB	178, 197, 198
RGB Percent	70%, 77%, 78%
CMY	0.3020, 0.2274, 0.2235
CMYK	0.10, 0.01, 0.00, 0.22
HSL	183°, 15%, 74%
HSV	183°, 10%, 78%
XYZ	48.5194, 53.4747, 61.1905
YIQ	191.4330, -11.6450, -3.7170

Conversions

Conversions Part 2

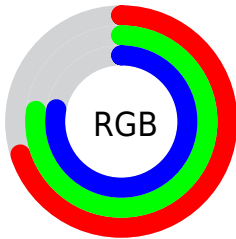
Format	Color
RYB	178, 188, 198
Decimal	11716038
CIELab	78.15, -6.23, -2.71
CIELCh	78, 6.799, 203.497
Yxy	53.4747, 0.2973, 0.3277
Android (android.graphics.Color)	4289906118 (0xFFB2C5C6)
YUV	191.4330, 3.2375, -11.7807
Hunter-Lab	73.1264, -9.5364, 1.5760

Details

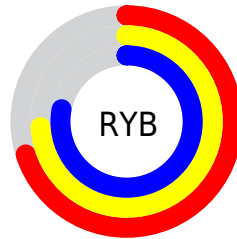
The XYZ color **48.5194, 53.4747, 61.1905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4450, 47.4601, 48.7805**, and the grayscale version is **49.7605, 52.3519, 57.0113**.

A 20% lighter version of the original color is **87.4235, 95.5960, 108.4519**, and **23.3139, 26.0185, 30.1789** is the 20% darker color. If you saturate the color by 10%, you get **44.0773, 50.8545, 60.9197**, and if you desaturate by 10%, it is **53.6218, 56.4404, 61.4948**.

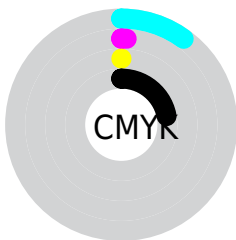
Distribution



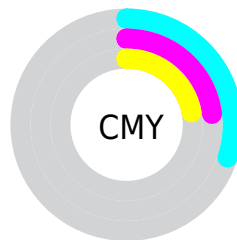
- Red (70%)
- Green (77%)
- Blue (78%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5194, 53.4747, 61.1905 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 48.5194, 53.4747, 61.1905 by changing the saturation by 10% instead.

■ 48.5194, 53.4747,
61.1905

■ 48.5194, 53.4747,
61.1905

371.3956,
400.1037, 446.8980

■ 34.4514, 38.1819,
43.9474

■ 87.1823, 95.3025,
108.1149

■ 23.4051, 26.1239,
30.2922

112.5078,
122.6063, 138.6333

■ 15.0152, 16.9163,
19.8066

142.3165,
154.6825, 174.4139

■ 8.9165, 10.1749,
12.0718

176.9738,
191.9155, 215.8751

■ 4.7434, 5.5150,
6.6695

216.8450,
234.6897, 263.4356

■ 2.1307, 2.5525,
3.1810

262.2955,

■ 0.7058, 0.9029,

283.3896, 317.5139

1.1878

313.6906,
338.3994, 378.5285

■ 0.0000, 0.0000,
0.0000

■ 48.5194, 53.4747,
61.1905

■ 48.5194, 53.4747,
61.1905

■ 44.0773, 50.8545,
60.9197

■ 53.6218, 56.4404,
61.4948

■ 40.2628, 48.5586,
60.6776

■ 59.4063, 59.7584,
61.8304

■ 37.0477, 46.5738,
60.4640

■ 65.8990, 63.4438,
62.1995

■ 34.3994, 44.8834,
60.2773

■ 72.3088, 67.0886,
62.5652

■ 32.2825, 43.4691,
60.1158

■ 72.5396, 67.5501,
62.6422

■ 30.6574, 42.3105,
59.9779

■ 72.7719, 68.0147,
62.7196

■ 29.4791, 41.3844,
59.8612

■ 73.0057, 68.4822,
62.7975

■ 28.6944, 40.6633,
59.7634

■ 73.2409, 68.9527,
62.8759

■ 28.2043, 40.0994,
59.6804

■ 73.4776, 69.4261,
62.9548

Harmonies

Analogous

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



48.3302, 53.4747, 57.4003



48.5194, 53.4747, 61.1905



49.3217, 53.4747, 64.3053

Triad

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



48.5194, 53.4747, 61.1905



52.9071, 53.4747, 62.6858



51.1159, 53.4747, 51.2548

Complementary

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



48.5194, 53.4747, 61.1905



47.4450, 47.4601, 48.7805

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.



52.3607, 53.4747, 52.5403



48.5194, 53.4747, 61.1905



53.4064, 53.4747, 59.0573

Square

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



48.5194, 53.4747, 61.1905



51.8513, 53.4747, 65.1946



53.2048, 53.4747, 55.3566



49.8145, 53.4747, 51.7705

Rectangle

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



48.5194, 53.4747, 61.1905



50.1040, 53.4747, 65.5243



53.2048, 53.4747, 55.3566



51.5551, 53.4747, 51.4887

Sweetspot

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



48.5209, 53.4769, 61.1917



92.1698, 98.3348, 108.7304



46.6581, 53.0953, 50.2615



19.5674, 20.9545, 23.2633



0.0000, 0.0000, 0.0000



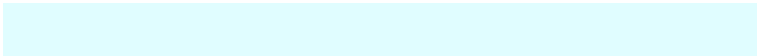
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5209, 53.4769, 61.1917



84.1899, 93.6818, 108.2529



46.3952, 49.2254, 60.4831



10.8997, 11.9734, 13.6541



18.3608, 26.1155, 38.8174



0.8836, 1.2650, 1.8428

Inverse Universe

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



49.2884, 47.8788, 59.4697



85.8086, 81.9087, 104.6127



49.4514, 51.4730, 49.4493



11.0594, 10.8071, 13.2960



21.0670, 10.1764, 31.8924



1.0047, 0.4847, 1.5480

Previews

White Background



This preview shows how the XYZ color 48.5194, 53.4747, 61.1905 looks on a white background.

Color Contrast Check

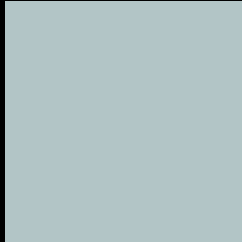
Large Text (above 18pt) WCAG AA × Fail

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 48.5194, 53.4747, 61.1905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

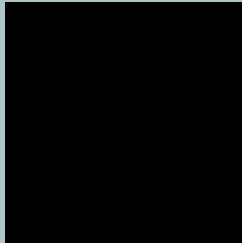
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

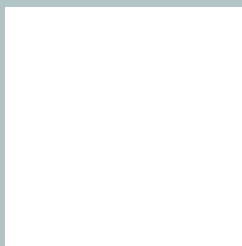
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.5194, 53.4747, 61.1905

Background



This preview shows how black text looks on a background with the XYZ color 48.5194, 53.4747, 61.1905.

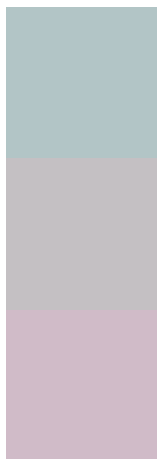


This preview shows how white text looks on a background with the XYZ color 48.5194, 53.4747,

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

48.5194, 53.4747, 61.1905

Protanopia

51.4649, 53.3752, 59.2197

Deuteranopia

54.2081, 53.1207, 62.0398



Tritanopia

50.0954, 53.4367, 69.3020

Trichromacy



Original Color

48.5194, 53.4747, 61.1905

Protanomaly

50.2419, 53.3879, 59.8814

Deuteranomaly

51.9656, 53.2554, 61.5733

Tritanomaly

49.4709, 53.5198, 66.1155

Monochromacy



Original Color

48.5194, 53.4747, 61.1905

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0573, 52.4741, 58.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5194, 53.4747, 61.1905 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(178, 197, 198) looks like.

```
.text, #text, p{  
    color:rgb(178, 197, 198)  
}
```

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(178, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.5194, 53.4747, 61.1905 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(178, 197, 198) }
```


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

```
.border{ border-color:rgb(178, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5194, 53.4747, 61.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 197, 198) }
```

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

```
.background{ background-color: rgb(178,  
197, 198) }
```

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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