

Converting Colors

XYZ(49.2091, 54.1675, 61.2887)

Have a look what the booklet for
XYZ(49.2091, 54.1675, 61.2887)
contains.

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Color

**XYZ(49.2095, 54.1687,
61.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C6C6
RGB	180, 198, 198
RGB Percent	71%, 78%, 78%
CMY	0.2941, 0.2235, 0.2235
CMYK	0.09, 0.00, 0.00, 0.22
HSL	180°, 14%, 74%
HSV	180°, 9%, 78%
XYZ	49.2095, 54.1687, 61.2881
YIQ	192.6180, -10.7280, -3.8160

Conversions

Conversions Part 2

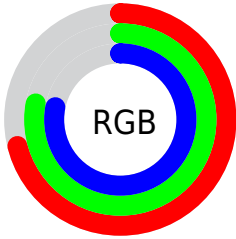
Format	Color
R _Y B	180, 189, 198
Decimal	11847366
CIE Lab	78.56, -6.10, -2.10
CIE LCh	79, 6.449, 198.997
Yxy	54.1687, 0.2988, 0.3290
Android (android.graphics.Color)	4290037446 (0xFFB4C6C6)
YUV	192.6180, 2.6533, -11.0660
Hunter-Lab	73.5994, -9.4515, 2.1473

Details

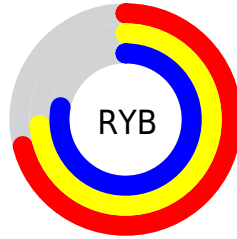
The XYZ color **49.2095, 54.1687, 61.2881** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8501, 47.9450, 49.9148**, and the grayscale version is **50.4551, 53.0827, 57.8071**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **23.7597, 26.4722, 30.2429** is the 20% darker color. If you saturate the color by 10%, you get **44.9254, 51.9617, 61.0867**, and if you desaturate by 10%, it is **54.1552, 56.7198, 61.5227**.

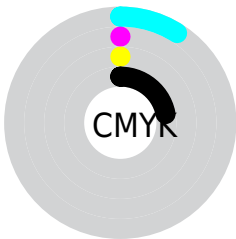
Distribution



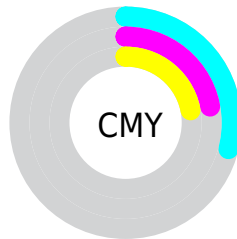
- Red (71%)
- Green (78%)
- Blue (78%)



- Red (71%)
- Yellow (74%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2095, 54.1687, 61.2881 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 49.2095, 54.1687, 61.2881 by changing the saturation by 10% instead.

■ 49.2095, 54.1687,
61.2881

■ 49.2095, 54.1687,
61.2881

374.0698,
402.7530, 447.2653

■ 35.0009, 38.7366,
44.0256

■ 88.2014, 96.3219,
108.2576

■ 23.8301, 26.5548,
30.3533

113.7154,
123.8117, 138.8017

■ 15.3317, 17.2392,
19.8526

143.7286,
156.0896, 174.6100

■ 9.1403, 10.4052,
12.1049

178.6063,
193.5399, 216.1013

■ 4.8907, 5.6684,
6.6918

218.7139,
236.5470, 263.6939

■ 2.2174, 2.6445,
3.1946

264.4168,

■ 0.7519, 0.9491,

285.4952, 317.8064

1.1948

316.0803,
340.7691, 378.8574

■ 0.0000, 0.0000,
0.0000

■ 49.2095, 54.1687,
61.2881

■ 49.2095, 54.1687,
61.2881

■ 44.9254, 51.9617,
61.0867

■ 54.1552, 56.7198,
61.5227

■ 41.2704, 50.0775,
60.9137

■ 59.7841, 59.6215,
61.7881

■ 38.2164, 48.5032,
60.7687

■ 66.1222, 62.8889,
62.0868

■ 35.7312, 47.2220,
60.6504

■ 71.6299, 65.7281,
62.3465

■ 33.7797, 46.2160,
60.5571

■ 71.6302, 65.7283,
62.3486

■ 32.3227, 45.4650,
60.4869

■ 71.6306, 65.7284,
62.3506

■ 31.3160, 44.9461,
60.4377

■ 71.6310, 65.7286,
62.3526

■ 30.7073, 44.6323,
60.4072

■ 71.6314, 65.7287,
62.3547

■ 30.4073, 44.4777,
60.3912

■ 71.6318, 65.7289,
62.3567

Harmonies

Analogous

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



49.1240, 54.1687, 57.6548



49.2095, 54.1687, 61.2881



49.8990, 54.1687, 64.4214

Triad

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



49.2095, 54.1687, 61.2881



53.3520, 54.1687, 63.6925



51.9536, 54.1687, 52.3738

Complementary

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



49.2095, 54.1687, 61.2881



47.8501, 47.9450, 49.9148

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.



53.1057, 54.1687, 53.8549



49.2095, 54.1687, 61.2881



53.9220, 54.1687, 60.3264

Square

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



49.2095, 54.1687, 61.2881



52.2853, 54.1687, 65.8485



53.8311, 54.1687, 56.7316



50.6944, 54.1687, 52.6075

Rectangle

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



49.2095, 54.1687, 61.2881



50.6148, 54.1687, 65.7583



53.8311, 54.1687, 56.7316



52.3666, 54.1687, 52.6852

Sweetspot

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



49.2111, 54.1710, 61.2893



92.2911, 98.5778, 108.7698



47.3261, 53.4251, 50.9985



19.6003, 21.0204, 23.2740



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.



49.2111, 54.1710, 61.2893



85.4720, 95.0625, 108.4478



47.2791, 50.3066, 60.6471



10.9467, 12.0676, 13.6694



19.7591, 28.9160, 39.2713



0.9356, 1.3692, 1.8596

Inverse Universe

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



47.8501, 47.9450, 49.9148



82.5543, 81.7144, 84.0617



49.6620, 51.5692, 50.5172



10.6340, 10.6370, 11.0558



15.1454, 7.8077, 0.7096



0.7172, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 49.2095, 54.1687, 61.2881 looks on a white background.

Color Contrast Check

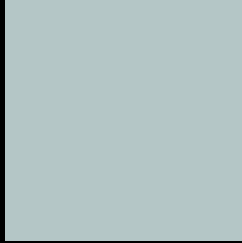
Large Text (above 18pt) WCAG AA × Fail

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 49.2095, 54.1687, 61.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

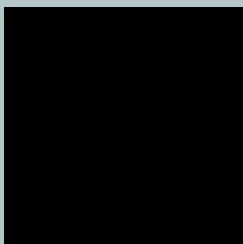
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

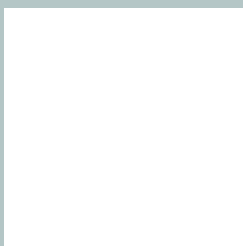
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2095, 54.1687, 61.2881

Background



This preview shows how black text looks on a background with the XYZ color 49.2095, 54.1687, 61.2881.



This preview shows how white text looks on a background with the XYZ color 49.2095, 54.1687,

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

49.2095, 54.1687, 61.2881

Protanopia

51.9462, 53.9504, 59.3054

Deuteranopia

54.9869, 53.8382, 62.1373



Tritanopia

50.7892, 54.1281, 69.3989

Trichromacy



Original Color

49.2095, 54.1687, 61.2881

Protanomaly

50.9648, 54.0921, 59.9792

Deuteranomaly

52.7116, 53.9649, 61.6709

Tritanomaly

50.1629, 54.2125, 66.2127

Monochromacy



Original Color

49.2095, 54.1687, 61.2881

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1045, 53.6617, 59.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2095, 54.1687, 61.2881 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, 198, 198) looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 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(180, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.2095, 54.1687, 61.2881 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, 198, 198) }
```


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

```
.border{ border-color:rgb(180, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2095, 54.1687, 61.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 198) }
```

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

```
.background{ background-color: rgb(180,  
198, 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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