

Converting Colors

XYZ(47.2895, 49.0263, 59.4043)

Have a look what the booklet for
XYZ(47.2895, 49.0263, 59.4043)
contains.

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Color

**XYZ(47.3204, 48.9977,
59.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B9C4
RGB	185, 185, 196
RGB Percent	73%, 73%, 77%
CMY	0.2745, 0.2745, 0.2314
CMYK	0.06, 0.06, 0.00, 0.23
HSL	240°, 9%, 75%
HSV	240°, 6%, 77%
XYZ	47.3204, 48.9977, 59.1880
YIQ	186.2540, -3.5310, 3.4210

Conversions

Conversions Part 2

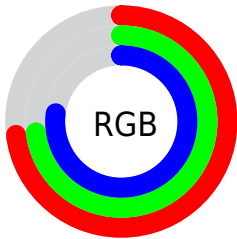
Format	Color
RYB	185, 185, 196
Decimal	12171716
CIELab	75.45, 2.10, -5.55
CIELCh	75, 5.938, 290.746
Yxy	48.9977, 0.3043, 0.3151
Android (android.graphics.Color)	4290361796 (0xFFB9B9C4)
YUV	186.2540, 4.8048, -1.0998
Hunter-Lab	69.9984, -1.8273, -1.1346

Details

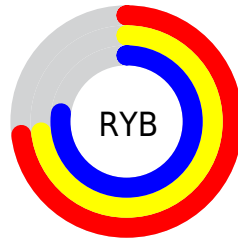
The XYZ color **47.3204, 48.9977, 59.1880** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2621, 54.7182, 53.7598**, and the grayscale version is **46.7910, 49.2278, 53.6090**.

A 20% lighter version of the original color is **85.4605, 88.7032, 105.5457**, and **22.6495, 23.3611, 28.9066** is the 20% darker color. If you saturate the color by 10%, you get **39.0936, 39.0858, 57.7092**, and if you desaturate by 10%, it is **56.7669, 60.3798, 60.8878**.

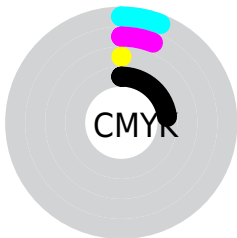
Distribution



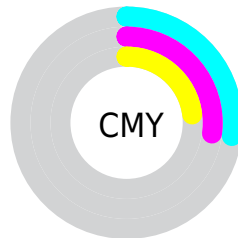
- Red (73%)
- Green (73%)
- Blue (77%)



- Red (73%)
- Yellow (73%)
- Blue (77%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (27%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3204, 48.9977, 59.1880 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 47.3204, 48.9977, 59.1880 by changing the saturation by 10% instead.

■ 47.3204, 48.9977,
59.1880

■ 47.3204, 48.9977,
59.1880

366.7196,
382.7333, 439.3195

■ 33.4980, 34.6177,
42.3435

■ 85.4075, 88.6880,
105.1827

■ 22.6693, 23.3685,
29.0428

110.4030,
114.7671, 135.1699

■ 14.4689, 14.8658,
18.8673

139.8535,
145.5147, 170.3751

■ 8.5314, 8.7253,
11.3986

174.1244,
181.3151, 211.2168

■ 4.4914, 4.5624,
6.2181

213.5812,
222.5528, 258.1135

■ 1.9837, 1.9929,
2.9072

258.5890,

■ 0.6248, 0.6033,

269.6121, 311.4839

1.0475

309.5134,
322.8775, 371.7464

■ 0.0000, 0.0000,
0.0000

■ 47.3204, 48.9977,
59.1880

■ 47.3204, 48.9977,
59.1880

■ 39.0936, 39.0858,
57.7092

■ 56.7669, 60.3798,
60.8878

■ 32.0327, 30.5783,
56.4392

■ 67.4755, 73.2820,
62.8138

■ 26.0864, 23.4136,
55.3697

■ 79.4917, 87.7596,
64.9749

■ 21.1977, 17.5231,
54.4904

■ 86.9639, 96.7656,
66.3194

■ 17.3047, 12.8322,
53.7901

■ 14.3390, 9.2585,
53.2566

■ 12.2236, 6.7094,
52.8761

■ 10.8692, 5.0771,
52.6324

■ 10.1654, 4.2286,
52.5057

Harmonies

Analogous

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



46.2332, 48.9977, 59.5234



47.3204, 48.9977, 59.1880



48.2197, 48.9977, 57.2559

Triad

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



47.3204, 48.9977, 59.1880



47.9154, 48.9977, 48.8173



44.5242, 48.9977, 52.3867

Complementary

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



47.3204, 48.9977, 59.1880



51.2621, 54.7182, 53.7598

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.



44.9600, 48.9977, 49.6262



47.3204, 48.9977, 59.1880



46.9101, 48.9977, 47.6192

Square

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



47.3204, 48.9977, 59.1880



48.5670, 48.9977, 51.2433



45.8292, 48.9977, 47.9094



44.6302, 48.9977, 55.5140

Rectangle

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



47.3204, 48.9977, 59.1880



48.5863, 48.9977, 55.3626



45.8292, 48.9977, 47.9094



44.6119, 48.9977, 51.3871

Sweetspot

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



47.3218, 48.9998, 59.1891



91.5934, 95.8353, 108.2783



49.6913, 53.7722, 59.8760



19.6409, 20.5563, 23.1825



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.



47.3218, 48.9998, 59.1891



83.3539, 85.9078, 106.7964



48.6281, 49.6725, 59.2501



9.8719, 10.1621, 12.7260



6.4026, 2.5616, 33.7136



0.2767, 0.1108, 1.4567

Inverse Universe

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



48.8720, 49.9376, 52.9644



86.8762, 88.0387, 92.6529



49.9041, 54.0188, 53.6964



10.3133, 10.4291, 10.9536



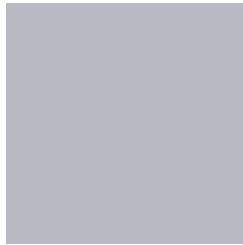
14.6277, 7.5408, 0.6855



0.6320, 0.3258, 0.0298

Previews

White Background



This preview shows how the XYZ color 47.3204, 48.9977, 59.1880 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 47.3204, 48.9977, 59.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

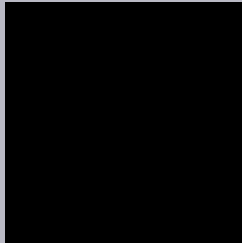
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3204, 48.9977, 59.1880

Background



This preview shows how black text looks on a background with the XYZ color 47.3204, 48.9977, 59.1880.



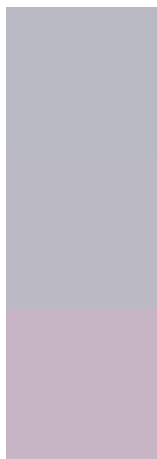
This preview shows how white text looks on a background with the XYZ color 47.3204, 48.9977,

59.1880.

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

47.3204, 48.9977, 59.1880

Protanopia

47.5625, 49.1225, 59.1993

Deuteranopia

49.9525, 48.8158, 59.6129



Tritanopia

47.9075, 49.2605, 61.0161

Trichromacy



Original Color

47.3204, 48.9977, 59.1880

Protanomaly

47.5625, 49.1225, 59.1993

Deuteranomaly

49.0541, 48.9564, 59.6874

Tritanomaly

47.7917, 49.2142, 60.4065

Monochromacy



Original Color

47.3204, 48.9977, 59.1880

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1029, 49.2746, 55.7436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3204, 48.9977, 59.1880 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(185, 185, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 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(185, 185, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 196) }
```

Border

The CSS property to change the border of an element to XYZ 47.3204, 48.9977, 59.1880 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(185, 185, 196) }
```


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

```
.border{ border-color:rgb(185, 185, 196) }
```

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

Here you see how a box with a 4 pixel rgb(185, 185, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3204, 48.9977, 59.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 196) }
```

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

```
.background{ background-color: rgb(185,  
185, 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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