

Converting Colors

XYZ(46.4940, 47.3442, 59.7226)

Have a look what the booklet for
XYZ(46.4940, 47.3442, 59.7226)
contains.

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Color

**XYZ(46.3691, 47.2693,
59.5033)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B5C5
RGB	184, 181, 197
RGB Percent	72%, 71%, 77%
CMY	0.2784, 0.2902, 0.2274
CMYK	0.07, 0.08, 0.00, 0.23
HSL	251°, 12%, 74%
HSV	251°, 8%, 77%
XYZ	46.3691, 47.2693, 59.5033
YIQ	183.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

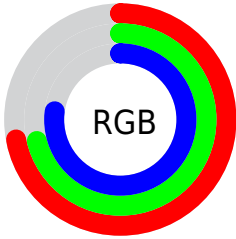
Format	Color
RYB	184, 181, 197
Decimal	12105157
CIELab	74.36, 4.12, -7.72
CIELCh	74, 8.750, 298.095
Yxy	47.2693, 0.3028, 0.3087
Android (android.graphics.Color)	4290295237 (0xFFB8B5C5)
YUV	183.7210, 6.5465, 0.2447
Hunter-Lab	68.7527, 0.0692, -3.1868

Details

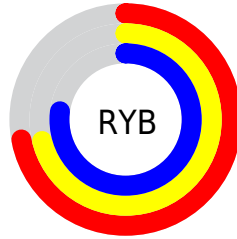
The XYZ color **46.3691, 47.2693, 59.5033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5566, 54.7393, 51.6195**, and the grayscale version is **45.3736, 47.7366, 51.9851**.

A 20% lighter version of the original color is **84.1088, 86.2494, 105.9807**, and **22.0372, 22.2468, 29.1192** is the 20% darker color. If you saturate the color by 10%, you get **39.0232, 37.9515, 58.0927**, and if you desaturate by 10%, it is **54.7182, 57.9477, 61.1251**.

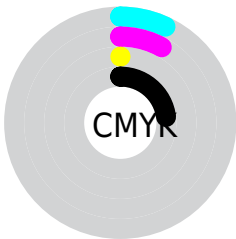
Distribution



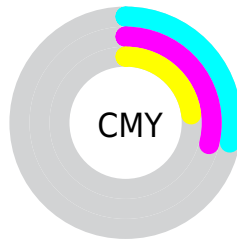
- Red (72%)
- Green (71%)
- Blue (77%)



- Red (72%)
- Yellow (71%)
- Blue (77%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (28%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3691, 47.2693, 59.5033 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 46.3691, 47.2693, 59.5033 by changing the saturation by 10% instead.

■ 46.3691, 47.2693,
59.5033

■ 46.3691, 47.2693,
59.5033

362.9817,
375.8884, 440.5182

■ 32.7430, 33.2486,
42.5957

■ 83.9956, 86.1155,
105.6451

■ 22.0880, 22.3170,
29.2390

108.7268,
111.7097, 135.7164

■ 14.0385, 14.0900,
19.0146

137.8903,
141.9306, 171.0127

■ 8.2293, 8.1833,
11.5039

171.8516,
177.1625, 211.9526

■ 4.2951, 4.2124,
6.2884

210.9761,
217.7899, 258.9545

■ 1.8704, 1.7931,
2.9496

255.6290,

■ 0.5595, 0.4829,

264.1971, 312.4371

1.0690

306.1758,
316.7684, 372.8188

■ 0.0000, 0.0000,
0.0000

■ 46.3691, 47.2693,
59.5033

■ 46.3691, 47.2693,
59.5033

■ 39.0232, 37.9515,
58.0927

■ 54.7182, 57.9477,
61.1251

■ 32.6383, 29.9335,
56.8816

■ 64.1023, 70.0321,
62.9631

■ 27.1752, 23.1589,
55.8619

■ 74.5569, 83.5736,
65.0258

■ 22.5907, 17.5648,
55.0237

■ 84.5627, 95.5145,
66.8033

■ 18.8376, 13.0826,
54.3564

■ 87.0782, 96.8113,
66.9210

■ 15.8645, 9.6368,
53.8480

■ 13.6138, 7.1420,
53.4851

■ 12.0197, 5.4990,
53.2520

■ 10.9904, 4.5612,
53.1252

Harmonies

Analogous

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



44.8275, 47.2693, 60.6306



46.3691, 47.2693, 59.5033



47.5478, 47.2693, 56.1887

Triad

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



46.3691, 47.2693, 59.5033



46.5474, 47.2693, 44.4521



41.9693, 47.2693, 51.1805

Complementary

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



46.3691, 47.2693, 59.5033



50.5566, 54.7393, 51.6195

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.



42.4063, 47.2693, 47.0198



46.3691, 47.2693, 59.5033



45.0288, 47.2693, 43.2788

Square

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



46.3691, 47.2693, 59.5033



47.6524, 47.2693, 47.4916



43.5172, 47.2693, 44.1912



42.3095, 47.2693, 55.6609

Rectangle

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



46.3691, 47.2693, 59.5033



47.9564, 47.2693, 53.2779



43.5172, 47.2693, 44.1912



42.0300, 47.2693, 49.7000

Sweetspot

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



46.3705, 47.2713, 59.5043



91.9362, 96.0115, 108.2943



48.4423, 52.4696, 60.3985



19.7108, 20.5922, 23.1858



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.



46.3705, 47.2713, 59.5043



80.2309, 81.0753, 106.0282



48.3248, 48.2788, 59.5958



10.2391, 10.3815, 13.3817



7.1813, 2.9363, 34.9326



0.3976, 0.1687, 1.6568

Inverse Universe

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



49.2890, 48.8152, 57.8656



86.6880, 84.4918, 102.3647



48.5742, 53.7173, 51.5267



10.9946, 10.7812, 12.9547



19.3527, 9.4906, 22.8650



0.9390, 0.4585, 1.2021

Previews

White Background



This preview shows how the XYZ color 46.3691, 47.2693, 59.5033 looks on a white background.

Color Contrast Check

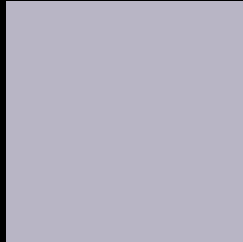
Large Text (above 18pt) WCAG AA × Fail

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 46.3691, 47.2693, 59.5033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

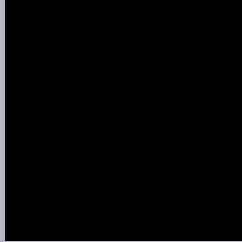
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3691, 47.2693, 59.5033

Background



This preview shows how black text looks on a background with the XYZ color 46.3691, 47.2693, 59.5033.

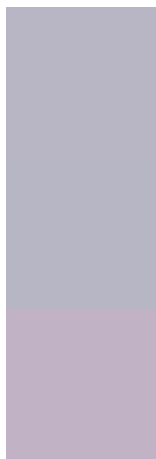


This preview shows how white text looks on a background with the XYZ color 46.3691, 47.2693,

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

46.3691, 47.2693, 59.5033

Protanopia

46.0974, 47.4322, 59.5491

Deuteranopia

48.3616, 47.3873, 60.0238



Tritanopia

46.2548, 47.2236, 58.9017

Trichromacy



Original Color

46.3691, 47.2693, 59.5033

Protanomaly

46.3344, 47.5544, 59.5602

Deuteranomaly

47.5483, 47.2646, 60.0430

Tritanomaly

46.2548, 47.2236, 58.9017

Monochromacy



Original Color

46.3691, 47.2693, 59.5033

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8860, 47.7314, 54.9388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3691, 47.2693, 59.5033 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(184, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 181, 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(184, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 181, 197) }
```

Border

The CSS property to change the border of an element to XYZ 46.3691, 47.2693, 59.5033 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(184, 181, 197) }
```


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

```
.border{ border-color:rgb(184, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 181,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3691, 47.2693, 59.5033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 181, 197) }
```

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

```
.background{ background-color: rgb(184,  
181, 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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