

Converting Colors

XYZ(48.7268, 49.1437, 58.2091)

Have a look what the booklet for
XYZ(48.7268, 49.1437, 58.2091)
contains.

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Color

**XYZ(48.6634, 49.0995,
57.9512)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B7C2
RGB	193, 183, 194
RGB Percent	76%, 72%, 76%
CMY	0.2431, 0.2823, 0.2392
CMYK	0.01, 0.06, 0.00, 0.24
HSL	295°, 8%, 74%
HSV	295°, 6%, 76%
XYZ	48.6634, 49.0995, 57.9512
YIQ	187.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

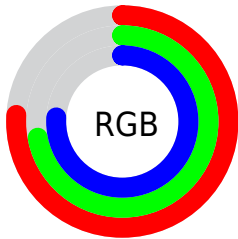
Format	Color
RYB	193, 183, 194
Decimal	12695490
CIELab	75.51, 5.54, -4.30
CIELCh	76, 7.016, 322.212
Yxy	49.0995, 0.3125, 0.3153
Android (android.graphics.Color)	4290885570 (0xFFC1B7C2)
YUV	187.2440, 3.3307, 5.0480
Hunter-Lab	70.0710, 1.3416, 0.0148

Details

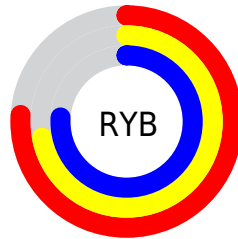
The XYZ color **48.6634, 49.0995, 57.9512** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6080, 52.1941, 52.3676**, and the grayscale version is **47.3538, 49.8199, 54.2539**.

A 20% lighter version of the original color is **87.1887, 88.7749, 102.9824**, and **23.3637, 23.3477, 28.0861** is the 20% darker color. If you saturate the color by 10%, you get **44.4881, 41.4118, 56.6881**, and if you desaturate by 10%, it is **53.3985, 57.8972, 59.4005**.

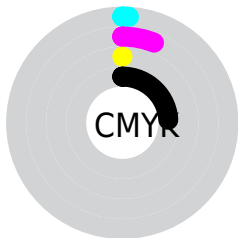
Distribution



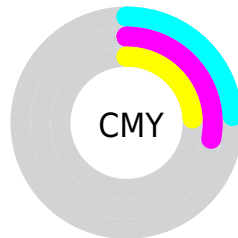
- Red (76%)
- Green (72%)
- Blue (76%)



- Red (76%)
- Yellow (72%)
- Blue (76%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6634, 49.0995, 57.9512 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 48.6634, 49.0995, 57.9512 by changing the saturation by 10% instead.

■ 48.6634, 49.0995,
57.9512

■ 48.6634, 49.0995,
57.9512

371.9547,
383.1339, 434.5972

■ 34.5660, 34.6984,
41.3550

■ 87.3951, 88.8392,
103.3659

■ 23.4937, 23.4307,
28.2748

112.7600,
114.9466, 133.0214

■ 15.0812, 14.9118,
18.2920

142.6115,
145.7250, 167.8671

■ 8.9630, 8.7575,
10.9883

177.3149,
181.5586, 208.3215

■ 4.7740, 4.5834,
5.9449

217.2356,
222.8319, 254.8032

■ 2.1487, 2.0049,
2.7433

262.7388,

■ 0.7155, 0.6103,

269.9293, 307.7307

0.9651

314.1901,
323.2351, 367.5225

■ 0.0000, 0.0000,
0.0000

■ 48.6634, 49.0995,
57.9512

■ 48.6634, 49.0995,
57.9512

■ 44.4881, 41.4118,
56.6881

■ 53.3985, 57.8972,
59.4005

■ 40.8458, 34.7830,
55.6006

■ 58.7101, 67.8410,
61.0399

■ 37.7140, 29.1673,
54.6817

■ 64.6199, 78.9728,
62.8771

■ 35.0669, 24.5130,
53.9229

■ 69.3326, 87.7024,
64.3137

■ 32.8763, 20.7640,
53.3147

■ 69.8067, 87.9468,
64.3359

■ 31.1114, 17.8584,
52.8469

■ 70.2862, 88.1940,
64.3583

■ 29.7371, 15.7263,
52.5078

■ 70.7712, 88.4441,
64.3810

■ 28.7130, 14.2867,
52.2839

■ 71.2618, 88.6969,
64.4039

■ 27.9887, 13.4392,
52.1585

■ 71.7578, 88.9526,
64.4272

Harmonies

Analogous

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



47.6153, 49.0995, 60.3392



48.6634, 49.0995, 57.9512



49.1786, 49.0995, 54.4333

Triad

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



48.6634, 49.0995, 57.9512



47.0059, 49.0995, 46.7016



44.3999, 49.0995, 56.2027

Complementary

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



48.6634, 49.0995, 57.9512



47.6080, 52.1941, 52.3676

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.



44.2435, 49.0995, 52.5004



48.6634, 49.0995, 57.9512



45.7325, 49.0995, 47.1264

Square

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



48.6634, 49.0995, 57.9512



48.2102, 49.0995, 48.0205



44.7271, 49.0995, 49.2090



45.1583, 49.0995, 59.2976

Rectangle

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



48.6634, 49.0995, 57.9512



49.1441, 49.0995, 51.9666



44.7271, 49.0995, 49.2090



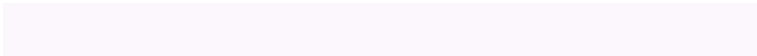
44.2758, 49.0995, 54.9838

Sweetspot

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



48.6648, 49.1016, 57.9523



91.1672, 94.5176, 105.9085



46.4295, 48.2873, 57.9129



19.9831, 20.7326, 23.1985



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.



48.6648, 49.1016, 57.9523



87.0142, 86.8268, 104.6429



48.4338, 49.0387, 55.4004



10.5821, 10.5280, 12.7592



18.2637, 8.6757, 34.2686



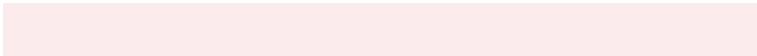
0.8160, 0.3887, 1.4819

Inverse Universe

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



47.8351, 48.7993, 52.2480



85.1494, 86.1480, 91.7912



47.8345, 52.2571, 54.8059



10.3430, 10.4410, 11.1102



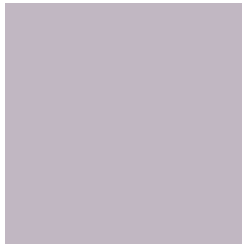
14.7110, 7.5741, 1.1240



0.6485, 0.3324, 0.1165

Previews

White Background



This preview shows how the XYZ color 48.6634, 49.0995, 57.9512 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 48.6634, 49.0995, 57.9512 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 48.6634, 49.0995, 57.9512

Background



This preview shows how black text looks on a background with the XYZ color 48.6634, 49.0995, 57.9512.



This preview shows how white text looks on a background with the XYZ color 48.6634, 49.0995,

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

48.6634, 49.0995, 57.9512

Protanopia

47.6928, 49.2028, 58.6132

Deuteranopia

49.9910, 48.8620, 58.4263



Tritanopia

49.0038, 49.2356, 59.7440

Trichromacy



Original Color

48.6634, 49.0995, 57.9512

Protanomaly

47.9771, 49.0399, 58.5667

Deuteranomaly

49.4002, 48.8582, 58.4567

Tritanomaly

48.8896, 49.1900, 59.1424

Monochromacy



Original Color

48.6634, 49.0995, 57.9512

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.8394, 49.6543, 55.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6634, 49.0995, 57.9512 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(193, 183, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 194)  
}
```

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(193, 183, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.6634, 49.0995, 57.9512 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(193, 183, 194) }
```


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

```
.border{ border-color:rgb(193, 183, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 183, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 183, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 183, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 183,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6634, 49.0995, 57.9512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 194) }
```

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

```
.background{ background-color: rgb(193,  
183, 194) }
```

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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