

Converting Colors

XYZ(51.4634, 46.8791, 63.9861)

Have a look what the booklet for
XYZ(51.4634, 46.8791, 63.9861)
contains.

XYZ(51.5948, 46.9435, 64.0993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.5948, 46.9435,
64.0993)**

Conversions

Conversions Part 1

Format	Color
Hex	D0ABCD
RGB	208, 171, 205
RGB Percent	82%, 67%, 80%
CMY	0.1843, 0.3294, 0.1961
CMYK	0.00, 0.18, 0.01, 0.18
HSL	305°, 28%, 74%
HSV	305°, 18%, 82%
XYZ	51.5948, 46.9435, 64.0993
YIQ	185.9390, 11.1380, 18.4180

Conversions

Conversions Part 2

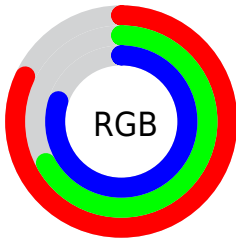
Format	Color
R _{YB}	208, 171, 205
Decimal	13675469
CIE _{Lab}	74.15, 19.28, -12.18
CIE _{LCh}	74, 22.807, 327.711
Yxy	46.9435, 0.3172, 0.2886
Android (android.graphics.Color)	4291865549 (0xFFD0ABCD)
YUV	185.9390, 9.3971, 19.3475
Hunter-Lab	68.5153, 14.5159, -7.5078

Details

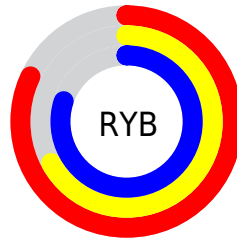
The XYZ color **51.5948, 46.9435, 64.0993** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.9923, 56.8271, 48.5389**, and the grayscale version is **46.5839, 49.0098, 53.3717**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **25.3196, 22.2003, 32.2288** is the 20% darker color. If you saturate the color by 10%, you get **47.7688, 39.6150, 61.8253**, and if you desaturate by 10%, it is **56.0440, 55.5135, 66.5930**.

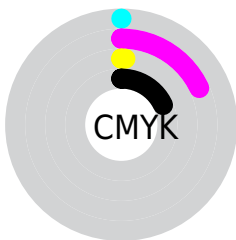
Distribution



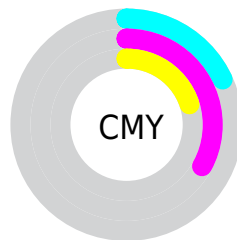
- Red (82%)
- Green (67%)
- Blue (80%)



- Red (82%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5948, 46.9435, 64.0993 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 51.5948, 46.9435, 64.0993 by changing the saturation by 10% instead.


 51.5948, 46.9435,
64.0993

 51.5948, 46.9435,
64.0993


383.2200,
374.5890, 457.7654

 36.9052, 32.9910,
46.2844


 91.7112, 85.6293,
112.3548

 25.3074, 22.1195,
32.1200


117.8686,
111.1313, 143.6324

 16.4362, 13.9448,
21.1876


148.5793,
141.2520, 180.2348

 9.9261, 8.0823,
13.0686

184.2087,
176.3758, 222.5803

 5.4119, 4.1476,
7.3445

225.1221,
216.8869, 271.0876

 2.5281, 1.7565,
3.5968

271.6849,

 0.9095, 0.4598,

263.1699, 326.1752

1.4069

324.2624,
315.6091, 388.2616

■ 0.0000, 0.0000,
0.1471

■ 0.0000, 0.0000,
0.0000

■ 51.5948, 46.9435,
64.0993

■ 51.5948, 46.9435,
64.0993

■ 47.7688, 39.6150,
61.8253

■ 56.0440, 55.5135,
66.5930

■ 44.5331, 33.4640,
59.7582

■ 61.1392, 65.3727,
69.3123

■ 41.8577, 28.4305,
57.8888

■ 66.9071, 76.5738,
72.2668

■ 39.7089, 24.4464,
56.2055

■ 73.3717, 89.1649,
75.4644

38.0487, 21.4363,
54.6959

73.8384, 89.7563,
76.6737

36.8346, 19.3148,
53.3456

74.0542, 89.8427,
77.8104

36.0164, 17.9817,
52.1379

74.2723, 89.9299,
78.9589

35.5226, 17.2940,
51.0490

74.4926, 90.0180,
80.1191

35.4315, 17.1776,
50.8154

74.7152, 90.1071,
81.2912

Harmonies

Analogous

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



48.3723, 46.9435, 73.7322



51.5948, 46.9435, 64.0993



52.9378, 46.9435, 52.0173

Triad

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



51.5948, 46.9435, 64.0993



44.9329, 46.9435, 31.7667



38.0183, 46.9435, 62.3064

Complementary

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



51.5948, 46.9435, 64.0993



46.9923, 56.8271, 48.5389

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.



37.2197, 46.9435, 50.2202



51.5948, 46.9435, 64.0993



41.0639, 46.9435, 33.6698

Square

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



51.5948, 46.9435, 64.0993



48.9481, 46.9435, 34.3547



38.3010, 46.9435, 40.0118



40.5519, 46.9435, 72.5910

Rectangle

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



51.5948, 46.9435, 64.0993



52.5285, 46.9435, 44.5696



38.3010, 46.9435, 40.0118



37.5451, 46.9435, 58.2685

Sweetspot

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



51.5962, 46.9455, 64.1003



90.9505, 92.0668, 106.7145



43.2871, 42.6198, 65.6204



19.3484, 19.4766, 22.7771



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.



51.5962, 46.9455, 64.1003



79.5903, 70.1869, 100.3364



49.5502, 46.1271, 53.3261



12.2677, 11.9918, 14.6856



22.0996, 10.7127, 31.7602



1.2482, 0.6040, 1.8418

Inverse Universe

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



51.5962, 46.9455, 64.1003



79.5903, 70.1869, 100.3364



48.8629, 57.5753, 58.3893



12.2677, 11.9918, 14.6856



22.0996, 10.7127, 31.7602



1.2482, 0.6040, 1.8418

Previews

White Background



This preview shows how the XYZ color 51.5948, 46.9435, 64.0993 looks on a white background.

Color Contrast Check

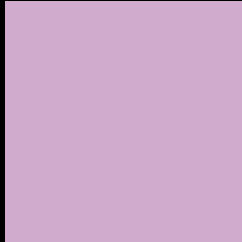
Large Text (above 18pt) WCAG AA × Fail

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 51.5948, 46.9435, 64.0993 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 51.5948, 46.9435, 64.0993

Background



This preview shows how black text looks on a background with the XYZ color 51.5948, 46.9435, 64.0993.



This preview shows how white text looks on a background with the XYZ color 51.5948, 46.9435,

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

51.5948, 46.9435, 64.0993

Protanopia

46.5390, 47.1483, 68.9350

Deuteranopia

48.0547, 47.1476, 63.6944



Tritanopia

49.6668, 47.0248, 54.0359

Trichromacy



Original Color

51.5948, 46.9435, 64.0993

Protanomaly

47.9698, 46.7391, 66.8149

Deuteranomaly

49.2550, 46.8899, 63.5814

Tritanomaly

50.4133, 47.0476, 57.4630

Monochromacy



Original Color

51.5948, 46.9435, 64.0993

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.3976, 48.3673, 57.2371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5948, 46.9435, 64.0993 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(208, 171, 205)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 205)  
}
```

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(208, 171, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 205) }
```

Border

The CSS property to change the border of an element to XYZ 51.5948, 46.9435, 64.0993 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(208, 171, 205) }
```


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

```
.border{ border-color:rgb(208, 171, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5948, 46.9435, 64.0993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 205) }
```

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

```
.background{ background-color: rgb(208,  
171, 205) }
```

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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