

Converting Colors

XYZ(50.4360, 46.1234, 57.7237)

Have a look what the booklet for
XYZ(50.4360, 46.1234, 57.7237)
contains.

XYZ(50.5195, 46.2449, 57.8932)	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(50.5195, 46.2449,
57.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	D1AAC3
RGB	209, 170, 195
RGB Percent	82%, 67%, 76%
CMY	0.1804, 0.3333, 0.2353
CMYK	0.00, 0.19, 0.07, 0.18
HSL	322°, 30%, 74%
HSV	322°, 19%, 82%
XYZ	50.5195, 46.2449, 57.8932
YIQ	184.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

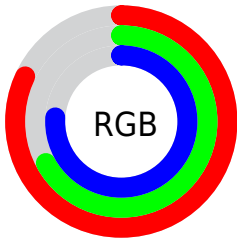
Format	Color
R _Y B	209, 170, 195
Decimal	13740739
CIE Lab	73.70, 18.36, -7.36
CIE LCh	74, 19.786, 338.149
Yxy	46.2449, 0.3267, 0.2990
Android (android.graphics.Color)	4291930819 (0xFFD1AAC3)
YUV	184.5110, 5.1711, 21.4769
Hunter-Lab	68.0036, 13.6004, -2.8726

Details

The XYZ color **50.5195, 46.2449, 57.8932** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.0316, 57.6089, 53.9382**, and the grayscale version is **45.8101, 48.1958, 52.4852**.

A 20% lighter version of the original color is **85.7359, 82.1387, 103.4310**, and **24.6126, 21.7500, 28.1002** is the 20% darker color. If you saturate the color by 10%, you get **46.0818, 38.6928, 52.3332**, and if you desaturate by 10%, it is **55.6254, 55.0639, 63.8873**.

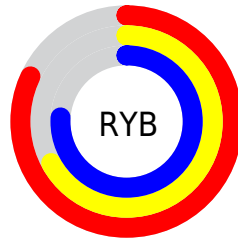
Distribution



Red (82%)

Green (67%)

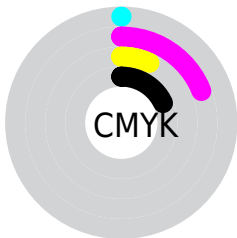
Blue (76%)



Red (82%)

Yellow (67%)

Blue (76%)

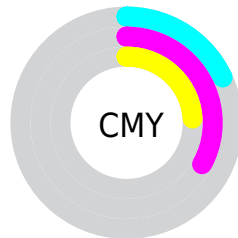


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5195, 46.2449, 57.8932 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 50.5195, 46.2449, 57.8932 by changing the saturation by 10% instead.


 50.5195, 46.2449,
57.8932

 50.5195, 46.2449,
57.8932


379.1125,
371.7924, 434.3750

 36.0458, 32.4391,
41.3087


 90.1313, 84.5854,
103.2806

 24.6399, 21.6971,
28.2388


 116.0002,
109.8889, 132.9205

 15.9363, 13.6345,
18.2652


146.3982,
139.7938, 167.7492

 9.5696, 7.8669,
10.9691

181.6907,
174.6844, 208.1854

 5.1746, 4.0099,
5.9322

222.2430,
214.9452, 254.6475

 2.3859, 1.6791,
2.7358

268.4205,

 0.8381, 0.4101,

260.9605, 307.5541

0.9613

320.5886,
313.1148, 367.3238

0.0000, 0.0000,
0.0000

50.5195, 46.2449,
57.8932

50.5195, 46.2449,
57.8932

46.0818, 38.6928,
52.3332

55.6254, 55.0639,
63.8873

42.2783, 32.3423,
47.1914

61.4234, 65.1986,
70.3250

39.0779, 27.1320,
42.4548

67.9413, 76.7029,
77.2189

36.4454, 22.9920,
38.1085

75.2040, 89.6259,
84.5802

34.3414, 19.8451,
34.1361

76.6939, 90.9311,
90.2392

■ 32.7216, 17.6036,
30.5194

■ 77.7860, 91.3679,
95.9904

■ 31.5338, 16.1640,
27.2376

■ 78.9243, 91.8232,
101.9843

■ 30.6966, 15.3649,
24.2601

■ 80.1047, 92.2954,
108.2006

■ 30.5956, 15.2758,
23.8784

Harmonies

Analogous

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



48.2557, 46.2449, 67.1302



50.5195, 46.2449, 57.8932



50.9780, 46.2449, 47.6628

Triad

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



50.5195, 46.2449, 57.8932



43.0048, 46.2449, 33.5434



38.8587, 46.2449, 63.2583

Complementary

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



50.5195, 46.2449, 57.8932



48.0316, 57.6089, 53.9382

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.



37.6075, 46.2449, 53.1422



50.5195, 46.2449, 57.8932



39.9166, 46.2449, 36.6333

Square

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



50.5195, 46.2449, 57.8932



46.5139, 46.2449, 34.4617



37.9842, 46.2449, 43.4974



41.4905, 46.2449, 70.5035

Rectangle

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



50.5195, 46.2449, 57.8932



50.1765, 46.2449, 41.7750



37.9842, 46.2449, 43.4974



38.2692, 46.2449, 60.0311

Sweetspot

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



50.5208, 46.2469, 57.8942



89.4900, 90.2749, 102.7460



45.5687, 43.5024, 66.3172



19.0302, 19.1060, 21.8518



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.



50.5208, 46.2469, 57.8942



76.6155, 68.0509, 87.5880



48.4925, 45.4356, 47.2129



12.1231, 11.9340, 13.9243



18.9127, 9.4379, 14.9785



1.0947, 0.5426, 1.0333

Inverse Universe

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



50.5208, 46.2469, 57.8942



76.6155, 68.0509, 87.5880



50.1769, 58.4670, 65.2353



12.1231, 11.9340, 13.9243



18.9127, 9.4379, 14.9785



1.0947, 0.5426, 1.0333

Previews

White Background



This preview shows how the XYZ color 50.5195, 46.2449, 57.8932 looks on a white background.

Color Contrast Check

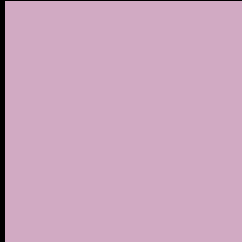
Large Text (above 18pt) WCAG AA × Fail

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 50.5195, 46.2449, 57.8932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

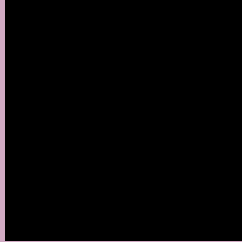
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5195, 46.2449, 57.8932

Background



This preview shows how black text looks on a background with the XYZ color 50.5195, 46.2449, 57.8932.



This preview shows how white text looks on a background with the XYZ color 50.5195, 46.2449,

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

50.5195, 46.2449, 57.8932

Protanopia

45.4543, 46.4433, 61.8271

Deuteranopia

47.2553, 46.2832, 57.4819



Tritanopia

49.5219, 46.4177, 52.2484

Trichromacy



Original Color

50.5195, 46.2449, 57.8932

Protanomaly

47.0693, 46.1213, 60.4543

Deuteranomaly

48.4268, 46.3093, 57.4251

Tritanomaly

49.7606, 46.2098, 54.4408

Monochromacy



Original Color

50.5195, 46.2449, 57.8932

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.7547, 47.7860, 54.8508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5195, 46.2449, 57.8932 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(209, 170, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 170, 195)  
}
```

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(209, 170, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 170, 195) }
```

Border

The CSS property to change the border of an element to XYZ 50.5195, 46.2449, 57.8932 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(209, 170, 195) }
```


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

```
.border{ border-color:rgb(209, 170, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 170, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 170, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 170, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 170,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5195, 46.2449, 57.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 170, 195) }
```

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

```
.background{ background-color: rgb(209,  
170, 195) }
```

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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