

Converting Colors

XYZ(50.5699, 50.4652, 45.9527)

Have a look what the booklet for
XYZ(50.5699, 50.4652, 45.9527)
contains.

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Color

**XYZ(50.3923, 50.2554,
46.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B7AC
RGB	208, 183, 172
RGB Percent	82%, 72%, 67%
CMY	0.1843, 0.2823, 0.3255
CMYK	0.00, 0.12, 0.17, 0.18
HSL	18°, 28%, 75%
HSV	18°, 17%, 82%
XYZ	50.3923, 50.2554, 46.0740
YIQ	189.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

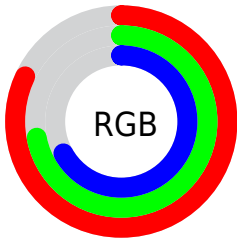
Format	Color
R _Y B	208, 188, 172
Decimal	13678508
CIE Lab	76.23, 7.16, 8.86
CIE LCh	76, 11.388, 51.072
Yxy	50.2554, 0.3435, 0.3425
Android (android.graphics.Color)	4291868588 (0xFFD0B7AC)
YUV	189.2210, -8.4900, 16.4692
Hunter-Lab	70.8910, 2.8259, 11.0896

Details

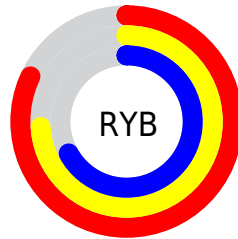
The XYZ color **50.3923, 50.2554, 46.0740** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3644, 53.2560, 67.4053**, and the grayscale version is **48.5371, 51.0648, 55.6095**.

A 20% lighter version of the original color is **85.9716, 88.5391, 85.2316**, and **24.5097, 24.0936, 21.1280** is the 20% darker color. If you saturate the color by 10%, you get **45.7217, 43.8644, 35.4208**, and if you desaturate by 10%, it is **55.6841, 57.3873, 58.4780**.

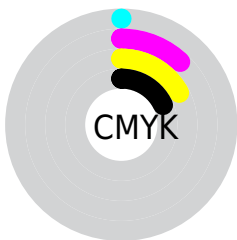
Distribution



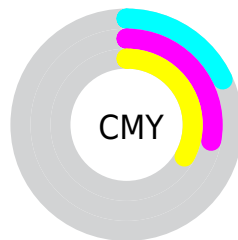
- Red (82%)
- Green (72%)
- Blue (67%)



- Red (82%)
- Yellow (74%)
- Blue (67%)



- Cyan (0%)
- Magenta (12%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3923, 50.2554, 46.0740 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 50.3923, 50.2554, 46.0740 by changing the saturation by 10% instead.

■ 50.3923, 50.2554,
46.0740

■ 50.3923, 50.2554,
46.0740

378.6248,
387.6639, 387.3923

■ 35.9443, 35.6164,
31.9551

■ 89.9442, 90.5532,
85.6652

■ 24.5611, 24.1381,
21.0627

115.7788,
116.9807, 111.9746

■ 15.8773, 15.4361,
12.9781

146.1396,
148.1065, 143.1846

■ 9.5277, 9.1260,
7.2830

181.3921,
184.3151, 179.7137

■ 5.1468, 4.8235,
3.5586

221.9014,
225.9906, 221.9805

■ 2.3693, 2.1441,
1.3864

268.0331,

■ 0.8298, 0.6892,

273.5177, 270.4035

0.1311

320.1524,
327.2807, 325.4012

■ 0.0000, 0.0000,
0.0000

■ 50.3923, 50.2554,
46.0740

■ 50.3923, 50.2554,
46.0740

■ 45.7217, 43.8644,
35.4208

■ 55.6841, 57.3873,
58.4780

■ 41.6444, 38.1835,
26.4358

■ 61.6152, 65.2764,
72.7039

■ 38.1366, 33.1894,
19.0344

■ 68.2083, 73.9469,
88.8229

■ 35.1710, 28.8550,
13.1233

■ 75.4511, 83.4069,
106.7302

■ 32.7180, 25.1513,
8.5993

■ 79.8226, 92.1500,
108.1874

■ 30.7448, 22.0469,
5.3457

■ 29.2140, 19.5073,
3.2265

■ 28.0783, 17.4923,
2.0573

■ 27.8223, 17.0294,
1.8206

Harmonies

Analogous

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



51.7000, 50.2554, 50.6006



50.3923, 50.2554, 46.0740



48.4062, 50.2554, 43.9080

Triad

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



50.3923, 50.2554, 46.0740



43.8247, 50.2554, 52.9152



49.2574, 50.2554, 66.4392

Complementary

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



50.3923, 50.2554, 46.0740



48.3644, 53.2560, 67.4053

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.



47.1320, 50.2554, 67.1745



50.3923, 50.2554, 46.0740



44.0373, 50.2554, 59.0562

Square

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



50.3923, 50.2554, 46.0740



44.6435, 50.2554, 47.6600



45.2331, 50.2554, 64.3842



51.0313, 50.2554, 62.4440

Rectangle

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



50.3923, 50.2554, 46.0740



46.9823, 50.2554, 43.9740



45.2331, 50.2554, 64.3842



48.5589, 50.2554, 67.0870

Sweetspot

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



50.3937, 50.2577, 46.0751



90.3052, 93.6870, 97.5252



50.8665, 46.9560, 59.3265



19.1908, 19.8683, 20.5451



0.0000, 0.0000, 0.0000



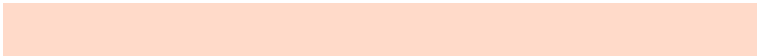
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.3937, 50.2577, 46.0751



76.8600, 75.5469, 66.0673



54.2994, 58.0691, 47.3770



12.0992, 12.3892, 12.3657



17.4157, 10.7644, 1.1598



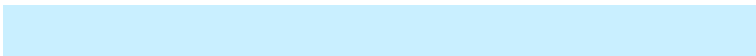
1.0438, 0.7418, 0.0882

Inverse Universe

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



48.3644, 53.2560, 67.4053



73.0173, 81.2175, 106.4359



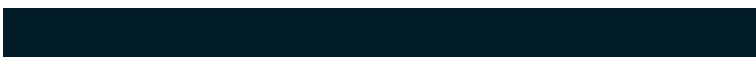
44.5593, 45.6458, 66.1370



11.8407, 12.7717, 15.0848



13.4405, 15.5276, 39.4812



0.8199, 1.0049, 2.2303

Previews

White Background



This preview shows how the XYZ color 50.3923, 50.2554, 46.0740 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 50.3923, 50.2554, 46.0740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

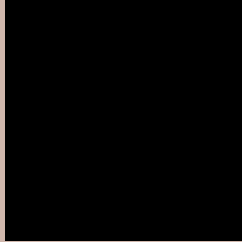
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3923, 50.2554, 46.0740

Background



This preview shows how black text looks on a background with the XYZ color 50.3923, 50.2554, 46.0740.



This preview shows how white text looks on a background with the XYZ color 50.3923, 50.2554,

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

50.3923, 50.2554, 46.0740

Protanopia

47.9160, 50.1987, 47.2083

Deuteranopia

51.1216, 50.0234, 45.9908



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

50.3923, 50.2554, 46.0740

Protanomaly

48.9211, 50.4143, 46.6877

Deuteranomaly

51.0383, 50.2833, 46.0454

Tritanomaly

51.9651, 50.2946, 53.4233

Monochromacy



Original Color

50.3923, 50.2554, 46.0740

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.0825, 50.6953, 51.9980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3923, 50.2554, 46.0740 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, 183, 172)` looks like.

```
.text, #text, p{  
    color:rgb(208, 183, 172)  
}
```

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, 183, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 183, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.3923, 50.2554, 46.0740 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, 183, 172) }
```


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

```
.border{ border-color:rgb(208, 183, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 183, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(208, 183,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3923, 50.2554, 46.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 183, 172) }
```

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

```
.background{ background-color: rgb(208,  
183, 172) }
```

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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