

Converting Colors

XYZ(48.1759, 44.3391, 55.3093)

Have a look what the booklet for
XYZ(48.1759, 44.3391, 55.3093)
contains.

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Color

**XYZ(48.1245, 44.2364,
55.2923)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA7BF
RGB	204, 167, 191
RGB Percent	80%, 65%, 75%
CMY	0.2000, 0.3451, 0.2510
CMYK	0.00, 0.18, 0.06, 0.20
HSL	321°, 27%, 73%
HSV	321°, 18%, 80%
XYZ	48.1245, 44.2364, 55.2923
YIQ	180.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

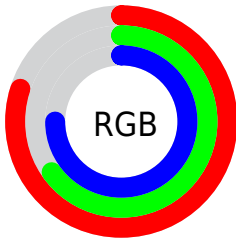
Format	Color
R_{YB}	204, 167, 191
Decimal	13412287
CIE _{Lab}	72.39, 17.54, -7.17
CIE _{LCh}	72, 18.951, 337.760
Yxy	44.2364, 0.3259, 0.2996
Android (android.graphics.Color)	4291602367 (0xFFCCA7BF)
YUV	180.7990, 5.0291, 20.3473
Hunter-Lab	66.5105, 12.7627, -2.7324

Details

The XYZ color **48.1245, 44.2364, 55.2923** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7691, 54.6976, 51.3279**, and the grayscale version is **43.7818, 46.0618, 50.1614**.

A 20% lighter version of the original color is **84.1498, 80.2180, 99.0441**, and **23.2959, 20.5805, 26.7894** is the 20% darker color. If you saturate the color by 10%, you get **43.9087, 37.0359, 50.0901**, and if you desaturate by 10%, it is **52.9710, 52.6353, 60.8963**.

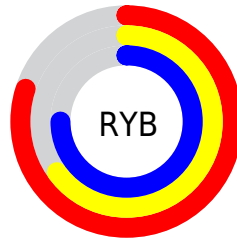
Distribution



Red (80%)

Green (65%)

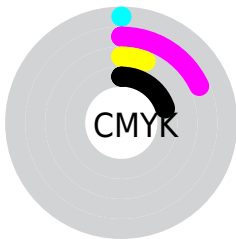
Blue (75%)



Red (80%)

Yellow (65%)

Blue (75%)

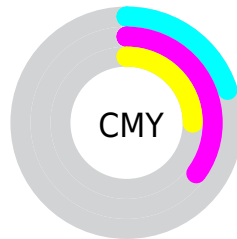


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (35%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1245, 44.2364, 55.2923 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 48.1245, 44.2364, 55.2923 by changing the saturation by 10% instead.


 48.1245, 44.2364,
55.2923


 48.1245, 44.2364,
55.2923


369.8598,
363.6721, 424.3321

 34.1372, 30.8564,
39.2356


 86.5983, 81.5733,
99.4445

 23.1624, 20.4895,
26.6338


 111.8155,
106.2991, 128.3772

 14.8348, 12.7514,
17.0684


141.5067,
135.5755, 162.4388

 8.7891, 7.2576,
10.1208

176.0372,
169.7871, 202.0481

 4.6599, 3.6237,
5.3725

215.7724,
209.3181, 247.6236

 2.0818, 1.4654,
2.4049

261.0777,

 0.6793, 0.2642,

254.5530, 299.5837

0.7891

312.3183,
305.8762, 358.3470

■ 0.0000, 0.0000,
0.0000

■ 48.1245, 44.2364,
55.2923

■ 48.1245, 44.2364,
55.2923

■ 43.9087, 37.0359,
50.0901

■ 52.9710, 52.6353,
60.8963

■ 40.2916, 30.9726,
45.2747

■ 58.4707, 62.2783,
66.9107

■ 37.2441, 25.9886,
40.8343

■ 64.6495, 73.2163,
73.3472

■ 34.7333, 22.0187,
36.7550

■ 71.5310, 85.4951,
80.2161

■ 32.7225, 18.9905,
33.0218

■ 74.5054, 89.8948,
85.9835

■ 31.1701, 16.8221,
29.6177

■ 75.5149, 90.2986,
91.2991

■ 30.0275, 15.4171,
26.5237

■ 76.5660, 90.7191,
96.8342

■ 29.2224, 14.6317,
23.7125

■ 77.6592, 91.1564,
102.5912

■ 29.0888, 14.5122,
23.2123

■ 78.7121, 91.5775,
108.1354

Harmonies

Analogous

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



46.0057, 44.2364, 63.8147



48.1245, 44.2364, 55.2923



48.5738, 44.2364, 45.7802

Triad

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



48.1245, 44.2364, 55.2923



41.2039, 44.2364, 32.4648



37.2774, 44.2364, 60.0288

Complementary

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



48.1245, 44.2364, 55.2923



45.7691, 54.6976, 51.3279

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.



36.1298, 44.2364, 50.6331



48.1245, 44.2364, 55.2923



38.3191, 44.2364, 35.3105

Square

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



48.1245, 44.2364, 55.2923



44.4652, 44.2364, 33.3744



36.5010, 44.2364, 41.6798



39.7150, 44.2364, 66.7865

Rectangle

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



48.1245, 44.2364, 55.2923



47.8456, 44.2364, 40.2718



36.5010, 44.2364, 41.6798



36.7339, 44.2364, 57.0296

Sweetspot

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



48.1258, 44.2384, 55.2932



90.4036, 91.8480, 103.8341



43.5304, 41.6966, 62.8812



19.2152, 19.4233, 22.0754



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.



48.1258, 44.2384, 55.2932



76.6774, 68.0756, 87.9138



46.2214, 43.4766, 45.2651



11.5136, 11.3342, 13.2394



18.3542, 9.1523, 14.8498



0.9820, 0.4862, 0.9511

Inverse Universe

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



48.1258, 44.2384, 55.2932



76.6774, 68.0756, 87.9138



47.7757, 55.5003, 61.8941



11.5136, 11.3342, 13.2394



18.3542, 9.1523, 14.8498



0.9820, 0.4862, 0.9511

Previews

White Background



This preview shows how the XYZ color 48.1245, 44.2364, 55.2923 looks on a white background.

Color Contrast Check

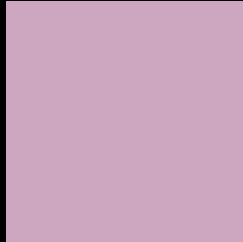
Large Text (above 18pt) WCAG AA × Fail

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 48.1245, 44.2364, 55.2923 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 48.1245, 44.2364, 55.2923

Background



This preview shows how black text looks on a background with the XYZ color 48.1245, 44.2364, 55.2923.



This preview shows how white text looks on a background with the XYZ color 48.1245, 44.2364,

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

48.1245, 44.2364, 55.2923

Protanopia

43.2826, 44.1958, 59.0727

Deuteranopia

45.2241, 44.4237, 54.9063



Tritanopia

47.2601, 44.4498, 50.3448

Trichromacy



Original Color

48.1245, 44.2364, 55.2923

Protanomaly

45.0436, 44.2664, 57.8000

Deuteranomaly

46.1053, 44.3129, 54.8384

Tritanomaly

47.3882, 44.2046, 51.9336

Monochromacy



Original Color

48.1245, 44.2364, 55.2923

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.2686, 45.3723, 52.2708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1245, 44.2364, 55.2923 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(204, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 167, 191)  
}
```

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(204, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 167, 191) }
```

Border

The CSS property to change the border of an element to XYZ 48.1245, 44.2364, 55.2923 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(204, 167, 191) }
```


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

```
.border{ border-color:rgb(204, 167, 191) }
```

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

Here you see how a box with a 4 pixel rgb(204, 167, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 167,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1245, 44.2364, 55.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 167, 191) }
```

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

```
.background{ background-color: rgb(204,  
167, 191) }
```

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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