

Converting Colors

XYZ(48.5739, 43.0975, 55.9449)

Have a look what the booklet for
XYZ(48.5739, 43.0975, 55.9449)
contains.

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Color

**XYZ(48.5584, 43.1008,
56.2121)**

Conversions

Conversions Part 1

Format	Color
Hex	D0A2C1
RGB	208, 162, 193
RGB Percent	82%, 64%, 76%
CMY	0.1843, 0.3647, 0.2431
CMYK	0.00, 0.22, 0.07, 0.18
HSL	320°, 33%, 73%
HSV	320°, 22%, 82%
XYZ	48.5584, 43.1008, 56.2121
YIQ	179.2880, 17.4650, 19.3930

Conversions

Conversions Part 2

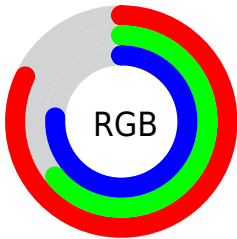
Format	Color
R _Y B	208, 162, 193
Decimal	13673153
CIE Lab	71.62, 22.02, -9.37
CIE LCh	72, 23.933, 336.957
Yxy	43.1008, 0.3284, 0.2915
Android (android.graphics.Color)	4291863233 (0xFFD0A2C1)
YUV	179.2880, 6.7600, 25.1804
Hunter-Lab	65.6512, 17.1365, -4.8097

Details

The XYZ color **48.5584, 43.1008, 56.2121** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.3937, 55.9687, 50.0080**, and the grayscale version is **42.9609, 45.1982, 49.2209**.

A 20% lighter version of the original color is **83.1517, 77.7253, 100.2424**, and **23.3730, 19.7882, 27.0137** is the 20% darker color. If you saturate the color by 10%, you get **44.4539, 36.0747, 51.1961**, and if you desaturate by 10%, it is **53.3061, 51.3567, 61.6148**.

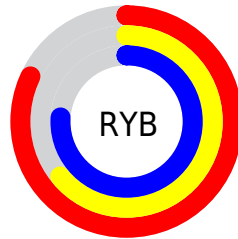
Distribution



Red (82%)

Green (64%)

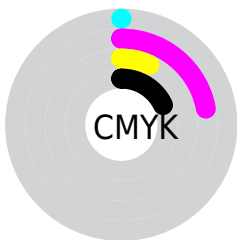
Blue (76%)



Red (82%)

Yellow (64%)

Blue (76%)

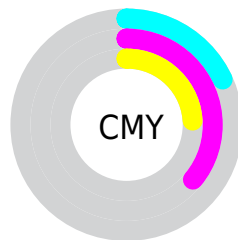


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (18%)



Cyan (18%)


Magenta (36%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5584, 43.1008, 56.2121 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 48.5584, 43.1008, 56.2121 by changing the saturation by 10% instead.


 48.5584, 43.1008,
56.2121


 48.5584, 43.1008,
56.2121


371.5471,
359.0261, 427.9011

 34.4824, 29.9642,
39.9679


 87.2399, 79.8629,
100.8035

 23.4291, 19.8114,
27.1999


 112.5761,
104.2573, 129.9878

 15.0331, 12.2580,
17.4896


142.3964,
133.1730, 164.3224

 8.9291, 6.9197,
10.4186

177.0662,
166.9945, 204.2261

 4.7517, 3.4119,
5.5681

216.9508,
206.1062, 250.1172

 2.1356, 1.3504,
2.5198

262.4156,

 0.7084, 0.1797,

250.8924, 302.4144

0.8506

313.8259,
301.7376, 361.5362

■ 0.0000, 0.0000,
0.0000

■ 48.5584, 43.1008,
56.2121

■ 48.5584, 43.1008,
56.2121

■ 44.4539, 36.0747,
51.1961

■ 53.3061, 51.3567,
61.6148

■ 40.9587, 30.2128,
46.5516

■ 58.7215, 60.8921,
67.4130

■ 38.0412, 25.4524,
42.2664

■ 64.8322, 71.7613,
73.6187

■ 35.6655, 21.7222,
38.3262

■ 71.6633, 84.0135,
80.2423

■ 33.7914, 18.9428,
34.7150

■ 75.6264, 90.4715,
86.0898

■ 32.3729, 17.0228,
31.4151

■ 76.5810, 90.8533,
91.1165

■ 31.3550, 15.8531,
28.4057

■ 77.5728, 91.2501,
96.3396

■ 30.7588, 15.3085,
26.2101

■ 78.6024, 91.6619,
101.7612

■ 79.6701, 92.0890,
107.3836

Harmonies

Analogous

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



45.8288, 43.1008, 67.1033



48.5584, 43.1008, 56.2121



49.1929, 43.1008, 44.2795

Triad

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



48.5584, 43.1008, 56.2121



40.0300, 43.1008, 28.0891



35.0527, 43.1008, 61.6564

Complementary

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



48.5584, 43.1008, 56.2121



45.3937, 55.9687, 50.0080

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.



33.7117, 43.1008, 49.6831



48.5584, 43.1008, 56.2121



36.4600, 43.1008, 31.2679

Square

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



48.5584, 43.1008, 56.2121



44.0906, 43.1008, 29.2520



34.2094, 43.1008, 38.7295



37.9927, 43.1008, 70.5908

Rectangle

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



48.5584, 43.1008, 56.2121



48.3071, 43.1008, 37.5275



34.2094, 43.1008, 38.7295



34.4091, 43.1008, 57.7836

Sweetspot

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



48.5597, 43.1027, 56.2130



88.6944, 88.7660, 102.2277



42.3402, 39.6932, 65.1052



18.8724, 18.8028, 21.7610



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.



48.5597, 43.1027, 56.2130



73.4739, 62.2984, 84.9043



46.2311, 42.1713, 43.9508



12.1400, 11.9407, 14.0130



19.2165, 9.5594, 16.5780



1.1101, 0.5488, 1.1146

Inverse Universe

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



48.5597, 43.1027, 56.2130



73.4739, 62.2984, 84.9043



47.8324, 56.9441, 62.8498



12.1400, 11.9407, 14.0130



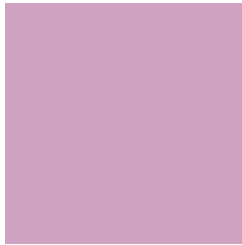
19.2165, 9.5594, 16.5780



1.1101, 0.5488, 1.1146

Previews

White Background



This preview shows how the XYZ color 48.5584, 43.1008, 56.2121 looks on a white background.

Color Contrast Check

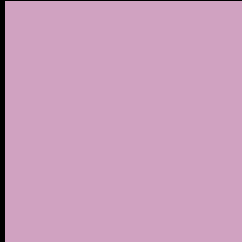
Large Text (above 18pt) WCAG AA × Fail

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 48.5584, 43.1008, 56.2121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

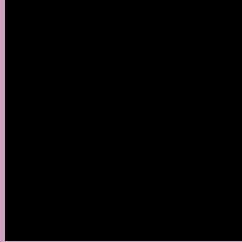
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5584, 43.1008, 56.2121

Background



This preview shows how black text looks on a background with the XYZ color 48.5584, 43.1008, 56.2121.



This preview shows how white text looks on a background with the XYZ color 48.5584, 43.1008,

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

48.5584, 43.1008, 56.2121

Protanopia

42.4733, 43.1471, 61.3480

Deuteranopia

44.2166, 43.3265, 55.3226



Tritanopia

46.8445, 43.2064, 47.4657

Trichromacy



Original Color

48.5584, 43.1008, 56.2121

Protanomaly

44.3349, 43.0170, 59.3925

Deuteranomaly

45.7652, 43.2804, 55.8110

Tritanomaly

47.5548, 43.2352, 50.6386

Monochromacy



Original Color

48.5584, 43.1008, 56.2121

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.8305, 44.2950, 51.5344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5584, 43.1008, 56.2121 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, 162, 193) looks like.

```
.text, #text, p{  
    color:rgb(208, 162, 193)  
}
```

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, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 162, 193) }
```

Border

The CSS property to change the border of an element to XYZ 48.5584, 43.1008, 56.2121 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, 162, 193) }
```


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

```
.border{ border-color:rgb(208, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(208, 162,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5584, 43.1008, 56.2121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 162, 193) }
```

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

```
.background{ background-color: rgb(208,  
162, 193) }
```

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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