

Converting Colors

XYZ(52.8002, 48.9656, 65.6999)

Have a look what the booklet for
XYZ(52.8002, 48.9656, 65.6999)
contains.

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Color

**XYZ(52.8002, 48.9656,
65.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B0CF
RGB	208, 176, 207
RGB Percent	82%, 69%, 81%
CMY	0.1843, 0.3098, 0.1882
CMYK	0.00, 0.15, 0.00, 0.18
HSL	302°, 25%, 75%
HSV	302°, 15%, 82%
XYZ	52.8002, 48.9656, 65.6999
YIQ	189.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

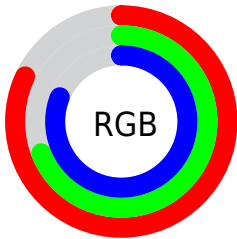
Format	Color
R _Y B	208, 176, 207
Decimal	13676751
CIE Lab	75.43, 16.93, -11.37
CIE LCh	75, 20.393, 326.125
Yxy	48.9656, 0.3153, 0.2924
Android (android.graphics.Color)	4291866831 (0xFFD0B0CF)
YUV	189.1020, 8.8237, 16.5735
Hunter-Lab	69.9754, 12.2308, -6.6846

Details

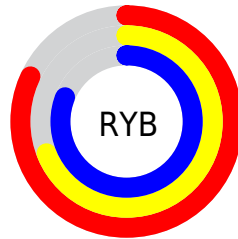
The XYZ color **52.8002, 48.9656, 65.6999** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3981, 57.5175, 50.1487**, and the grayscale version is **48.3768, 50.8962, 55.4259**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **25.9696, 23.2381, 33.2537** is the 20% darker color. If you saturate the color by 10%, you get **48.9515, 41.3943, 64.0262**, and if you desaturate by 10%, it is **57.2770, 57.7910, 67.5857**.

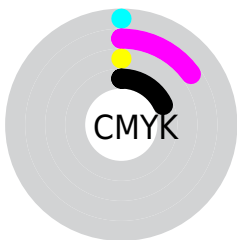
Distribution



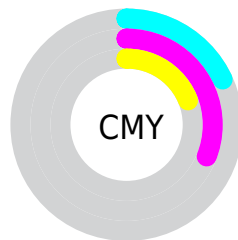
- Red (82%)
- Green (69%)
- Blue (81%)



- Red (82%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8002, 48.9656, 65.6999 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 52.8002, 48.9656, 65.6999 by changing the saturation by 10% instead.


 52.8002, 48.9656,
65.6999

 52.8002, 48.9656,
65.6999

387.7915,
382.6069, 463.6777

 37.8701, 34.5922,
47.5739


 93.4776, 88.6404,
114.6784

 26.0587, 23.3489,
33.1320


119.9556,
114.7105, 146.3680

 17.0004, 14.8513,
21.9556


151.0136,
145.4483, 183.4158

 10.3301, 8.7151,
13.6263

187.0170,
181.2383, 226.2404

 5.6823, 4.5558,
7.7254

228.3311,
222.4647, 275.2604

 2.6917, 1.9891,
3.8345

275.3214,

 0.9929, 0.6011,

269.5120, 330.8942

1.5350

328.3530,
322.7646, 393.5605

■ 0.0000, 0.0000,
0.2438

■ 0.0000, 0.0000,
0.0000

■ 52.8002, 48.9656,
65.6999

■ 52.8002, 48.9656,
65.6999

■ 48.9515, 41.3943,
64.0262

■ 57.2770, 57.7910,
67.5857

■ 45.6982, 35.0141,
62.5521

■ 62.4041, 67.9172,
69.6893

■ 43.0111, 29.7659,
61.2683

■ 68.2080, 79.3964,
72.0201

■ 40.8572, 25.5834,
60.1638

■ 73.3560, 89.5633,
74.1339

39.1996, 22.3930,
59.2264

73.4369, 89.5957,
74.5603

37.9970, 20.1122,
58.4423

73.5182, 89.6283,
74.9884

37.2014, 18.6448,
57.7954

73.5999, 89.6609,
75.4183

36.7540, 17.8734,
57.2662

73.6818, 89.6937,
75.8499

36.6143, 17.6507,
57.0446

73.7641, 89.7266,
76.2833

Harmonies

Analogous

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



49.7947, 48.9656, 74.1340



52.8002, 48.9656, 65.6999



54.1272, 48.9656, 54.7258

Triad

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



52.8002, 48.9656, 65.6999



47.0303, 48.9656, 35.2210



40.3503, 48.9656, 62.9551

Complementary

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



52.8002, 48.9656, 65.6999



48.3981, 57.5175, 50.1487

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.



39.6977, 48.9656, 51.9290



52.8002, 48.9656, 65.6999



43.4310, 48.9656, 36.8119

Square

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



52.8002, 48.9656, 65.6999



50.6846, 48.9656, 37.9151



40.7959, 48.9656, 42.5937



42.6283, 48.9656, 72.4056

Rectangle

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



52.8002, 48.9656, 65.6999



53.8317, 48.9656, 47.7725



40.7959, 48.9656, 42.5937



39.9390, 48.9656, 59.2708

Sweetspot

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



52.8017, 48.9677, 65.7010



91.0525, 92.1075, 107.2513



44.9381, 44.8997, 65.9732



19.3733, 19.4865, 22.9081



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.



52.8017, 48.9677, 65.7010



81.8849, 74.0380, 103.3765



50.9948, 48.2450, 56.1862



12.2942, 12.0024, 14.8250



22.8269, 11.0036, 35.5900



1.2815, 0.6173, 2.0170

Inverse Universe

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



52.8017, 48.9677, 65.7010



81.8849, 74.0380, 103.3765



50.0357, 58.1725, 58.7726



12.2942, 12.0024, 14.8250



22.8269, 11.0036, 35.5900



1.2815, 0.6173, 2.0170

Previews

White Background



This preview shows how the XYZ color 52.8002, 48.9656, 65.6999 looks on a white background.

Color Contrast Check

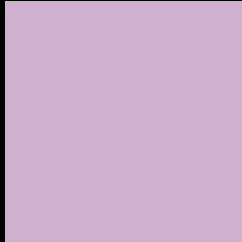
Large Text (above 18pt) WCAG AA × Fail

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 52.8002, 48.9656, 65.6999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

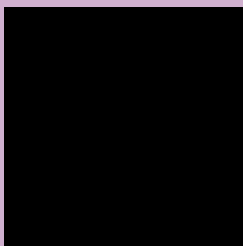
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8002, 48.9656, 65.6999

Background



This preview shows how black text looks on a background with the XYZ color 52.8002, 48.9656, 65.6999.



This preview shows how white text looks on a background with the XYZ color 52.8002, 48.9656,

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

52.8002, 48.9656, 65.6999

Protanopia

48.2887, 49.2751, 69.2533

Deuteranopia

50.1701, 49.1061, 65.2267



Tritanopia

50.8884, 48.7684, 56.6003

Trichromacy



Original Color

52.8002, 48.9656, 65.6999

Protanomaly

49.8467, 49.1854, 67.8393

Deuteranomaly

51.0801, 48.9758, 65.1536

Tritanomaly

51.5323, 48.7409, 59.5152

Monochromacy



Original Color

52.8002, 48.9656, 65.6999

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8692, 50.0023, 59.2476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8002, 48.9656, 65.6999 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, 176, 207)` looks like.

```
.text, #text, p{  
    color:rgb(208, 176, 207)  
}
```

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, 176, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 176, 207) }
```

Border

The CSS property to change the border of an element to XYZ 52.8002, 48.9656, 65.6999 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, 176, 207) }
```


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

```
.border{ border-color:rgb(208, 176, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 176, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 176, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 176, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 176,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8002, 48.9656, 65.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 176, 207) }
```

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

```
.background{ background-color: rgb(208,  
176, 207) }
```

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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