

# Converting Colors

XYZ(54.8908, 52.5483, 65.7731)

Have a look what the booklet for  
XYZ(54.8908, 52.5483, 65.7731)  
contains.

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# Color

**XYZ(54.8594, 52.4388,  
65.6228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2B8CE
RGB	210, 184, 206
RGB Percent	82%, 72%, 81%
CMY	0.1765, 0.2784, 0.1922
CMYK	0.00, 0.12, 0.02, 0.18
HSL	309°, 22%, 77%
HSV	309°, 12%, 82%
XYZ	54.8594, 52.4388, 65.6228
YIQ	194.2820, 8.4340, 12.3540

# Conversions

## Conversions Part 2

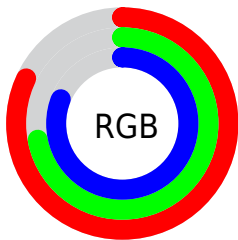
Format	Color
R <sub>Y</sub> B	210, 184, 206
Decimal	13809870
CIE Lab	77.54, 13.10, -7.66
CIE LCh	78, 15.175, 329.691
Yxy	52.4388, 0.3173, 0.3033
Android (android.graphics.Color)	4291999950 (0xFFD2B8CE)
YUV	194.2820, 5.7770, 13.7847
Hunter-Lab	72.4146, 8.5012, -3.0389

# Details

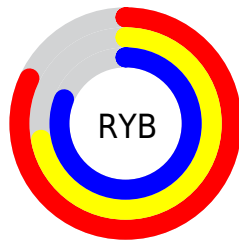
The XYZ color **54.8594, 52.4388, 65.6228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8929, 59.9159, 56.4096**, and the grayscale version is **51.4098, 54.0871, 58.9008**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **27.3014, 25.4682, 33.1827** is the 20% darker color. If you saturate the color by 10%, you get **50.4288, 44.1987, 62.2295**, and if you desaturate by 10%, it is **59.9487, 61.9818, 69.2767**.

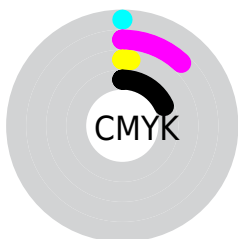
# Distribution



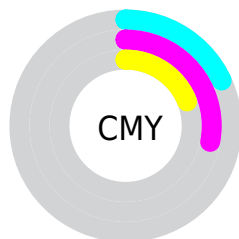
- Red (82%)
- Green (72%)
- Blue (81%)



- Red (82%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (18%)




- Cyan (18%)
- Magenta (28%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8594, 52.4388, 65.6228 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 54.8594, 52.4388, 65.6228 by changing the saturation by 10% instead.





 54.8594, 52.4388,  
65.6228

 54.8594, 52.4388,  
65.6228

395.5238,  
396.1283, 463.3940

 39.5226, 37.3550,  
47.5117


 96.4844, 93.7781,  
114.5666

 27.3490, 25.4824,  
33.0831


123.5034,  
120.8023, 146.2364

 17.9735, 16.4369,  
21.9185


155.1470,  
152.5754, 183.2629

 11.0305, 9.8338,  
13.5993

191.7808,  
189.4818, 226.0646

 6.1548, 5.2889,  
7.7069

233.7700,  
231.9059, 275.0600

 2.9810, 2.4178,  
3.8229

281.4800,

 1.1437, 0.8350,

280.2321, 330.6676

1.5287

335.2761,  
334.8447, 393.3061

■ 0.0612, 0.0000,  
0.2392

■ 0.0000, 0.0000,  
0.0000

■ 54.8594, 52.4388,  
65.6228

■ 54.8594, 52.4388,  
65.6228

■ 50.4288, 44.1987,  
62.2295

■ 59.9487, 61.9818,  
69.2767

■ 46.6239, 37.1978,  
59.0837

■ 65.7187, 72.8742,  
73.1970

■ 43.4154, 31.3772,  
56.1762

■ 72.1964, 85.1686,  
77.3934

■ 40.7704, 26.6706,  
53.4955

■ 75.1153, 90.3325,  
80.4441

38.6523, 23.0053,  
51.0293

75.5447, 90.5042,  
82.7058

37.0202, 20.2996,  
48.7638

75.9825, 90.6794,  
85.0111

35.8274, 18.4600,  
46.6831

76.4287, 90.8578,  
87.3605

35.0176, 17.3739,  
44.7682

76.8832, 91.0396,  
89.7541

34.5833, 16.9037,  
43.3953

77.3462, 91.2248,  
92.1921

# Harmonies

## Analogous

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



52.6812, 52.4388, 72.2733



54.8594, 52.4388, 65.6228



55.6834, 52.4388, 57.1839

# Triad

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



54.8594, 52.4388, 65.6228



49.8719, 52.4388, 42.4492



45.1109, 52.4388, 65.4578

# Complementary

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



54.8594, 52.4388, 65.6228



51.8929, 59.9159, 56.4096

# 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.



44.4232, 52.4388, 57.0101



54.8594, 52.4388, 65.6228



47.1057, 52.4388, 44.2093

# Square

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



54.8594, 52.4388, 65.6228



52.7358, 52.4388, 44.2827



45.1393, 52.4388, 49.3435



47.0551, 52.4388, 72.1716



# Rectangle

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



54.8594, 52.4388, 65.6228



55.3299, 52.4388, 51.8368



45.1393, 52.4388, 49.3435



44.7286, 52.4388, 62.7014

# Sweetspot

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



54.8609, 52.4411, 65.6239



91.6302, 93.5632, 106.5185



49.4900, 49.6154, 67.9420



19.4791, 19.7755, 22.7051



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.



54.8609, 52.4411, 65.6239



83.1052, 77.6036, 100.3149



53.3574, 51.8397, 57.7065



12.2294, 11.9765, 14.4836



21.1252, 10.3229, 26.6292



1.2028, 0.5858, 1.6028



# Inverse Universe

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



54.8609, 52.4411, 65.6239



83.1052, 77.6036, 100.3149



53.3464, 60.4973, 64.0637



12.2294, 11.9765, 14.4836



21.1252, 10.3229, 26.6292



1.2028, 0.5858, 1.6028



# Previews

## White Background



This preview shows how the XYZ color 54.8594, 52.4388, 65.6228 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

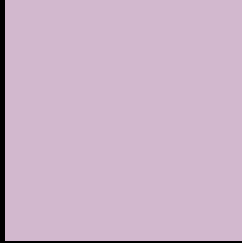
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.8594, 52.4388, 65.6228 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

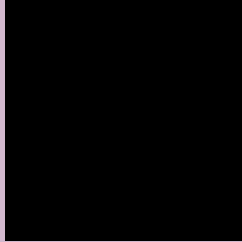
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.8594, 52.4388, 65.6228**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.8594, 52.4388, 65.6228.



This preview shows how white text looks on a background with the XYZ color 54.8594, 52.4388,



# 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

54.8594, 52.4388, 65.6228

### Protanopia

51.2815, 52.4272, 68.3894

### Deuteranopia

53.6013, 52.4114, 65.6838



## Tritanopia

54.0688, 52.4234, 61.9126

# Trichromacy



## Original Color

54.8594, 52.4388, 65.6228

## Protanomaly

52.5178, 52.4402, 67.6756

## Deuteranomaly

53.9431, 52.2760, 65.6397

## Tritanomaly

54.3041, 52.5175, 63.1519

# Monochromacy



## Original Color

54.8594, 52.4388, 65.6228

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.4259, 53.1835, 60.9284

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.8594, 52.4388, 65.6228 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(210, 184, 206) looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 206)  
}
```

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(210, 184, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 54.8594, 52.4388, 65.6228 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(210, 184, 206) }
```



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

```
.border{ border-color:rgb(210, 184, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 184, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.8594, 52.4388, 65.6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 206) }
```

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

```
.background{ background-color: rgb(210,  
184, 206) }
```

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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