

Converting Colors

XYZ(54.9944, 52.2230, 63.8783)

Have a look what the booklet for
XYZ(54.9944, 52.2230, 63.8783)
contains.

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Color

**XYZ(54.8644, 52.1758,
63.6792)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B7CB
RGB	212, 183, 203
RGB Percent	83%, 72%, 80%
CMY	0.1686, 0.2823, 0.2039
CMYK	0.00, 0.14, 0.04, 0.17
HSL	319°, 25%, 77%
HSV	319°, 14%, 83%
XYZ	54.8644, 52.1758, 63.6792
YIQ	193.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

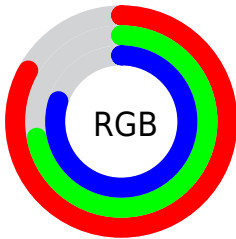
Format	Color
R _Y B	212, 183, 203
Decimal	13940683
CIE Lab	77.39, 13.79, -6.24
CIE LCh	77, 15.136, 335.638
Yxy	52.1758, 0.3214, 0.3056
Android (android.graphics.Color)	4292130763 (0xFFD4B7CB)
YUV	193.9510, 4.4612, 15.8290
Hunter-Lab	72.2328, 9.1722, -1.7061

Details

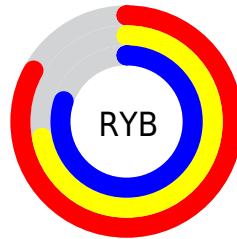
The XYZ color **54.8644, 52.1758, 63.6792** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5884, 60.9616, 58.8671**, and the grayscale version is **51.2204, 53.8879, 58.6839**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **27.3121, 25.3033, 31.8783** is the 20% darker color. If you saturate the color by 10%, you get **50.0495, 43.7739, 58.2874**, and if you desaturate by 10%, it is **60.3742, 61.9128, 69.4681**.

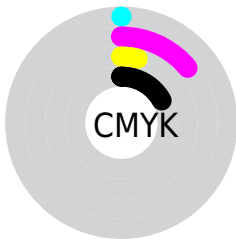
Distribution



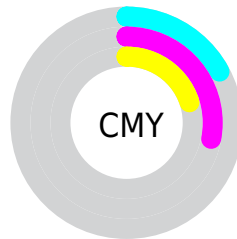
- Red (83%)
- Green (72%)
- Blue (80%)



- Red (83%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (4%)
- Black (17%)





- Cyan (17%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8644, 52.1758, 63.6792 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 54.8644, 52.1758, 63.6792 by changing the saturation by 10% instead.


 54.8644, 52.1758,
63.6792

 54.8644, 52.1758,
63.6792


395.5425,
395.1149, 456.2059

 39.5266, 37.1452,
45.9464

 96.4917, 93.3905,
111.7438

 27.3522, 25.3199,
31.8551


123.5120,
120.3433, 142.9127

 17.9759, 16.3156,
20.9870


155.1570,
152.0391, 179.3973

 11.0322, 9.7477,
12.9233

191.7923,
188.8621, 221.6163

 6.1560, 5.2320,
7.2457

233.7831,
231.1968, 269.9881

 2.9817, 2.3840,
3.5354

281.4949,

 1.1441, 0.8177,

279.4276, 324.9312

1.3741

335.2929,
333.9388, 386.8643

■ 0.0615, 0.0000,
0.1214

■ 0.0000, 0.0000,
0.0000

■ 54.8644, 52.1758,
63.6792

■ 54.8644, 52.1758,
63.6792

■ 50.0495, 43.7739,
58.2874

■ 60.3742, 61.9128,
69.4681

■ 45.8953, 36.6413,
53.2775

■ 66.6023, 73.0332,
75.6620

■ 42.3712, 30.7171,
48.6378

■ 73.5765, 85.5914,
82.2727

■ 39.4426, 25.9325,
44.3546

■ 77.0997, 91.1924,
87.9032

37.0711, 22.2117,
40.4132

78.0380, 91.5677,
92.8440

35.2140, 19.4697,
36.7970

79.0114, 91.9571,
97.9703

33.8219, 17.6084,
33.4873

80.0205, 92.3608,
103.2840

32.8349, 16.5091,
30.4620

80.9618, 92.7373,
108.2407

32.3556, 16.0788,
28.6734

Harmonies

Analogous

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



52.9232, 52.1758, 70.8521



54.8644, 52.1758, 63.6792



55.3698, 52.1758, 55.2509

Triad

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



54.8644, 52.1758, 63.6792



49.0439, 52.1758, 42.3112



45.1824, 52.1758, 66.6668

Complementary

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



54.8644, 52.1758, 63.6792



52.5884, 60.9616, 58.8671

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.



44.2299, 52.1758, 58.3993



54.8644, 52.1758, 63.6792



46.4027, 52.1758, 44.7588

Square

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



54.8644, 52.1758, 63.6792



51.9352, 52.1758, 43.4294



44.6678, 52.1758, 50.4545



47.3195, 52.1758, 72.6916

Rectangle

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



54.8644, 52.1758, 63.6792



54.8081, 52.1758, 50.1562



44.6678, 52.1758, 50.4545



44.7170, 52.1758, 64.0289

Sweetspot

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



54.8659, 52.1781, 63.6803



91.3763, 93.4616, 105.1815



50.4816, 49.7903, 69.2381



19.4147, 19.7497, 22.3659



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.



54.8659, 52.1781, 63.6803



81.4148, 75.8855, 94.6257



53.2503, 51.5318, 55.1728



12.7813, 12.5640, 14.7885



20.0213, 9.9448, 17.9479



1.2440, 0.6144, 1.2743

Inverse Universe

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



54.8659, 52.1781, 63.6803



81.4148, 75.8855, 94.6257



54.2386, 61.6216, 67.5568



12.7813, 12.5640, 14.7885



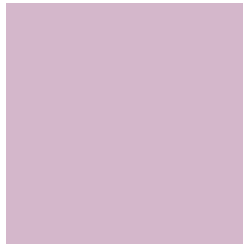
20.0213, 9.9448, 17.9479



1.2440, 0.6144, 1.2743

Previews

White Background



This preview shows how the XYZ color 54.8644, 52.1758, 63.6792 looks on a white background.

Color Contrast Check

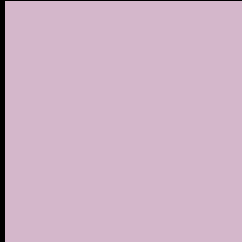
Large Text (above 18pt) WCAG AA × Fail

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 54.8644, 52.1758, 63.6792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

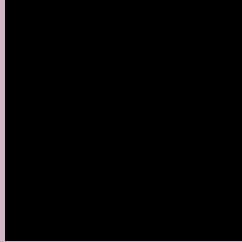
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8644, 52.1758, 63.6792

Background



This preview shows how black text looks on a background with the XYZ color 54.8644, 52.1758, 63.6792.



This preview shows how white text looks on a background with the XYZ color 54.8644, 52.1758,

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

54.8644, 52.1758, 63.6792

Protanopia

50.9111, 52.2791, 66.4390

Deuteranopia

53.3964, 52.3612, 63.1695



Tritanopia

54.1975, 52.2071, 60.6465

Trichromacy



Original Color

54.8644, 52.1758, 63.6792

Protanomaly

52.1996, 52.0026, 65.6788

Deuteranomaly

54.0221, 52.3721, 63.1387

Tritanomaly

54.4298, 52.3000, 61.8697

Monochromacy



Original Color

54.8644, 52.1758, 63.6792

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5789, 53.2756, 60.3353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8644, 52.1758, 63.6792 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(212, 183, 203) looks like.

```
.text, #text, p{  
    color:rgb(212, 183, 203)  
}
```

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(212, 183, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 183, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.8644, 52.1758, 63.6792 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(212, 183, 203) }
```


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

```
.border{ border-color:rgb(212, 183, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 183, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 183, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 183, 203);  
box-shadow:4px 4px 4px 4px rgb(212, 183,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8644, 52.1758, 63.6792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 183, 203) }
```

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

```
.background{ background-color: rgb(212,  
183, 203) }
```

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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