

Converting Colors

XYZ(54.8308, 51.8684, 63.0011)

Have a look what the booklet for
XYZ(54.8308, 51.8684, 63.0011)
contains.

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Color

**XYZ(54.8292, 51.8663,
62.9985)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B6CA
RGB	213, 182, 202
RGB Percent	84%, 71%, 79%
CMY	0.1647, 0.2863, 0.2078
CMYK	0.00, 0.15, 0.05, 0.16
HSL	321°, 27%, 77%
HSV	321°, 15%, 84%
XYZ	54.8292, 51.8663, 62.9985
YIQ	193.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

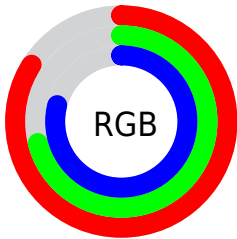
Format	Color
R _Y B	213, 182, 202
Decimal	14005962
CIE Lab	77.20, 14.50, -5.96
CIE LCh	77, 15.676, 337.636
Yxy	51.8663, 0.3231, 0.3056
Android (android.graphics.Color)	4292196042 (0xFFD5B6CA)
YUV	193.5490, 4.1663, 17.0585
Hunter-Lab	72.0183, 9.8643, -1.4516

Details

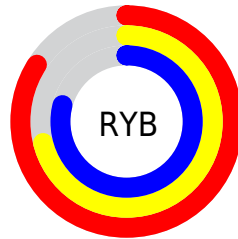
The XYZ color **54.8292, 51.8663, 62.9985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.7133, 61.3853, 59.5252**, and the grayscale version is **50.9843, 53.6394, 58.4133**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **27.2961, 25.1077, 31.4246** is the 20% darker color. If you saturate the color by 10%, you get **49.9216, 43.4480, 57.0548**, and if you desaturate by 10%, it is **60.4471, 61.6337, 69.3965**.

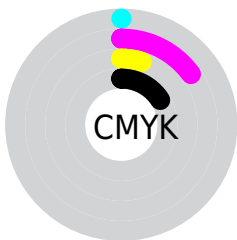
Distribution



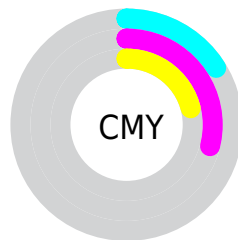
- Red (84%)
- Green (71%)
- Blue (79%)



- Red (84%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8292, 51.8663, 62.9985 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 54.8292, 51.8663, 62.9985 by changing the saturation by 10% instead.


 54.8292, 51.8663,
62.9985

 54.8292, 51.8663,
62.9985


395.4111,
393.9202, 453.6718

 39.4983, 36.8985,
45.3990


 96.4404, 92.9340,
110.7529

 27.3301, 25.1289,
31.4266


123.4515,
119.8028, 141.7449

 17.9591, 16.1731,
20.6627


155.0866,
151.4073, 178.0381

 11.0202, 9.6468,
12.6888

191.7112,
188.1320, 220.0511

 6.1478, 5.1654,
7.0864

233.6906,
230.3612, 268.2025

 2.9767, 2.3446,
3.4370

281.3901,

 1.1414, 0.7972,

278.4794, 322.9107

1.3218

335.1752,
332.8709, 384.5943

■ 0.0594, 0.0000,
0.0796

■ 0.0000, 0.0000,
0.0000

■ 54.8292, 51.8663,
62.9985

■ 54.8292, 51.8663,
62.9985

■ 49.9216, 43.4480,
57.0548

■ 60.4471, 61.6337,
69.3965

■ 45.6894, 36.3118,
51.5489

■ 66.7994, 72.7995,
76.2580

■ 42.1012, 30.3956,
46.4679

■ 73.9146, 85.4190,
83.5961

■ 39.1214, 25.6292,
41.7965

■ 77.8002, 91.5060,
90.0827

■ 36.7108, 21.9350,
37.5186

■ 78.8989, 91.9455,
95.8684

■ 34.8253, 19.2260,
33.6160

■ 80.0443, 92.4037,
101.9004

■ 33.4140, 17.4015,
30.0683

■ 81.2371, 92.8808,
108.1816

■ 32.4148, 16.3386,
26.8514

■ 81.2509, 92.8863,
108.2542

■ 31.9858, 15.9643,
25.2173

Harmonies

Analogous

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



52.9060, 51.8663, 70.5991



54.8292, 51.8663, 62.9985



55.2412, 51.8663, 54.3057

Triad

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



54.8292, 51.8663, 62.9985



48.5345, 51.8663, 41.6253



44.8670, 51.8663, 67.1793

Complementary

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



54.8292, 51.8663, 62.9985



52.7133, 61.3853, 59.5252

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.



43.7959, 51.8663, 58.6984



54.8292, 51.8663, 62.9985



45.8567, 51.8663, 44.3703

Square

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



54.8292, 51.8663, 62.9985



51.5259, 51.8663, 42.5265



44.1507, 51.8663, 50.4155



47.1340, 51.8663, 73.1785

Rectangle

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



54.8292, 51.8663, 62.9985



54.5887, 51.8663, 49.1488



44.1507, 51.8663, 50.4155



44.3595, 51.8663, 64.4921

Sweetspot

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



54.8307, 51.8686, 62.9996



91.3045, 93.4329, 104.8034



50.6944, 49.5803, 69.8497



19.3965, 19.7424, 22.2701



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.



54.8307, 51.8686, 62.9996



80.3672, 74.4406, 92.2719



53.1026, 51.1773, 53.8994



12.7572, 12.5544, 14.6617



19.5883, 9.7716, 15.6680



1.2202, 0.6049, 1.1489

Inverse Universe

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



54.8307, 51.8686, 62.9996



80.3672, 74.4406, 92.2719



54.5156, 62.1062, 69.0161



12.7572, 12.5544, 14.6617



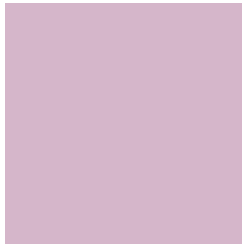
19.5883, 9.7716, 15.6680



1.2202, 0.6049, 1.1489

Previews

White Background



This preview shows how the XYZ color 54.8292, 51.8663, 62.9985 looks on a white background.

Color Contrast Check

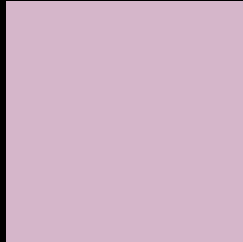
Large Text (above 18pt) WCAG AA × Fail

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 54.8292, 51.8663, 62.9985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

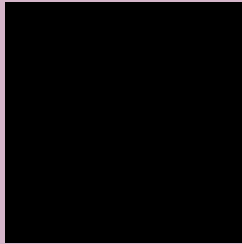
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8292, 51.8663, 62.9985

Background



This preview shows how black text looks on a background with the XYZ color 54.8292, 51.8663, 62.9985.



This preview shows how white text looks on a background with the XYZ color 54.8292, 51.8663,

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

54.8292, 51.8663, 62.9985

Protanopia

50.9111, 52.2791, 66.4390

Deuteranopia

53.0684, 51.8941, 62.4779



Tritanopia

54.1629, 51.8952, 59.9854

Trichromacy



Original Color

54.8292, 51.8663, 62.9985

Protanomaly

52.0785, 51.9542, 65.0409

Deuteranomaly

53.6955, 51.9079, 62.4475

Tritanomaly

54.3937, 51.9875, 61.2006

Monochromacy



Original Color

54.8292, 51.8663, 62.9985

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 54.8292, 51.8663, 62.9985 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(213, 182, 202) looks like.

```
.text, #text, p{  
    color:rgb(213, 182, 202)  
}
```

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(213, 182, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 182, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.8292, 51.8663, 62.9985 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(213, 182, 202) }
```


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

```
.border{ border-color:rgb(213, 182, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 182, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 182, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 182, 202);  
box-shadow:4px 4px 4px 4px rgb(213, 182,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8292, 51.8663, 62.9985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 182, 202) }
```

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

```
.background{ background-color: rgb(213,  
182, 202) }
```

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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