

Converting Colors

XYZ(54.8855, 54.2732, 64.2222)

Have a look what the booklet for
XYZ(54.8855, 54.2732, 64.2222)
contains.

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Color

**XYZ(54.9251, 54.4041,
64.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBECB
RGB	207, 190, 203
RGB Percent	81%, 75%, 80%
CMY	0.1882, 0.2549, 0.2039
CMYK	0.00, 0.08, 0.02, 0.19
HSL	314°, 15%, 78%
HSV	314°, 8%, 81%
XYZ	54.9251, 54.4041, 64.1061
YIQ	196.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

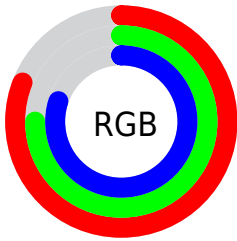
Format	Color
R_{YB}	207, 190, 203
Decimal	13614795
CIE Lab	78.70, 8.29, -4.36
CIE LCh	79, 9.366, 332.282
Yxy	54.4041, 0.3167, 0.3137
Android (android.graphics.Color)	4291804875 (0xFFCFBECB)
YUV	196.5650, 3.1725, 9.1515
Hunter-Lab	73.7591, 3.8424, 0.1008

Details

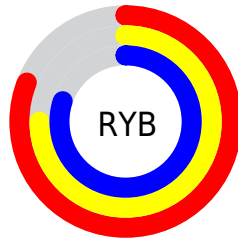
The XYZ color **54.9251, 54.4041, 64.1061** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2877, 59.4694, 59.7120**, and the grayscale version is **52.7891, 55.5382, 60.4811**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **27.5073, 26.8336, 32.1634** is the 20% darker color. If you saturate the color by 10%, you get **50.1852, 45.8382, 59.7071**, and if you desaturate by 10%, it is **60.3231, 64.2555, 68.8158**.

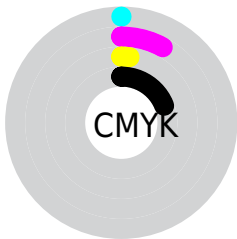
Distribution



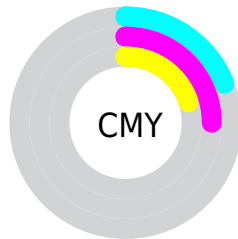
- Red (81%)
- Green (75%)
- Blue (80%)



- Red (81%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9251, 54.4041, 64.1061 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 54.9251, 54.4041, 64.1061 by changing the saturation by 10% instead.

■ 54.9251, 54.4041,
64.1061

■ 54.9251, 54.4041,
64.1061

395.7690,
403.6491, 457.7907

■ 39.5754, 38.9248,
46.2899

■ 96.5802, 96.6673,
112.3647

■ 27.3904, 26.7013,
32.1243

123.6162,
124.2201, 143.6441

■ 18.0047, 17.3490,
21.1909

155.2784,
156.5661, 180.2483

■ 11.0531, 10.4836,
13.0710

191.9321,
194.0898, 222.5959

■ 6.1701, 5.7208,
7.3461

233.9426,
237.1755, 271.1054

■ 2.9904, 2.6760,
3.5978

281.6754,

■ 1.1487, 0.9650,

286.2077, 326.1953

1.4074

335.4957,
341.5708, 388.2842

■ 0.0653, 0.0000,
0.1475

■ 0.0000, 0.0000,
0.0000

■ 54.9251, 54.4041,
64.1061

■ 54.9251, 54.4041,
64.1061

■ 50.1852, 45.8382,
59.7071

■ 60.3231, 64.2555,
68.8158

■ 46.0719, 38.4973,
55.6055

■ 66.3998, 75.4356,
73.8420

■ 42.5580, 32.3265,
51.7921

■ 73.1807, 87.9944,
79.1944

■ 39.6124, 27.2640,
48.2556

■ 74.7429, 90.0857,
82.8997

37.2013, 23.2422,
44.9841

75.4074, 90.3516,
86.3990

35.2870, 20.1862,
41.9639

76.0909, 90.6250,
89.9985

33.8268, 18.0111,
39.1801

76.7937, 90.9061,
93.6992

32.7709, 16.6170,
36.6151

77.5158, 91.1949,
97.5017

32.0443, 15.8546,
34.2431

78.2574, 91.4916,
101.4069

Harmonies

Analogous

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



53.6340, 54.4041, 68.2803



54.9251, 54.4041, 64.1061



55.3485, 54.4041, 58.8317

Triad

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



54.9251, 54.4041, 64.1061



51.5678, 54.4041, 49.6231



48.7580, 54.4041, 64.8502

Complementary

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



54.9251, 54.4041, 64.1061



53.2877, 59.4694, 59.7120

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.



48.2336, 54.4041, 59.6437



54.9251, 54.4041, 64.1061



49.8315, 54.4041, 51.0293

Square

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



54.9251, 54.4041, 64.1061



53.3828, 54.4041, 50.6626



48.6219, 54.4041, 54.6206



50.0714, 54.4041, 68.7277

Rectangle

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



54.9251, 54.4041, 64.1061



55.0737, 54.4041, 55.4548



48.6219, 54.4041, 54.6206



48.4851, 54.4041, 63.1870

Sweetspot

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



54.9267, 54.4065, 64.1073



93.2519, 96.7120, 107.3503



51.9178, 52.7995, 66.4874



19.9786, 20.7348, 22.9937



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.



54.9267, 54.4065, 64.1073



86.4965, 84.4152, 101.3563



53.9451, 54.0138, 58.9384



12.1868, 11.9595, 14.2597



20.1543, 9.9346, 21.5167



1.1564, 0.5673, 1.3586

Inverse Universe

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



54.9267, 54.4065, 64.1073



86.4965, 84.4152, 101.3563



54.2659, 59.8606, 64.8628



12.1868, 11.9595, 14.2597



20.1543, 9.9346, 21.5167



1.1564, 0.5673, 1.3586

Previews

White Background



This preview shows how the XYZ color 54.9251, 54.4041, 64.1061 looks on a white background.

Color Contrast Check

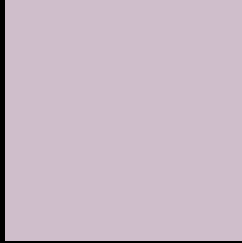
Large Text (above 18pt) WCAG AA × Fail

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 54.9251, 54.4041, 64.1061 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 54.9251, 54.4041, 64.1061

Background



This preview shows how black text looks on a background with the XYZ color 54.9251, 54.4041, 64.1061.



This preview shows how white text looks on a background with the XYZ color 54.9251, 54.4041,

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

54.9251, 54.4041, 64.1061

Protanopia

52.8169, 54.5935, 65.5114

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

55.1650, 54.5001, 65.3697

Trichromacy



Original Color

54.9251, 54.4041, 64.1061

Protanomaly

53.5222, 54.6417, 64.8527

Deuteranomaly

55.2716, 54.2623, 64.0605

Tritanomaly

55.0447, 54.4519, 64.7359

Monochromacy



Original Color

54.9251, 54.4041, 64.1061

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6880, 55.1246, 61.8433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9251, 54.4041, 64.1061 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(207, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 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(207, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.9251, 54.4041, 64.1061 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(207, 190, 203) }
```


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

```
.border{ border-color:rgb(207, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9251, 54.4041, 64.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 203) }
```

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

```
.background{ background-color: rgb(207,  
190, 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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