

Converting Colors

XYZ(53.9870, 53.8360, 63.7984)

Have a look what the booklet for
XYZ(53.9870, 53.8360, 63.7984)
contains.

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Color

**XYZ(54.0948, 53.9761,
64.0672)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBECEB
RGB	204, 190, 203
RGB Percent	80%, 75%, 80%
CMY	0.2000, 0.2549, 0.2039
CMYK	0.00, 0.07, 0.00, 0.20
HSL	304°, 12%, 77%
HSV	304°, 7%, 80%
XYZ	54.0948, 53.9761, 64.0672
YIQ	195.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

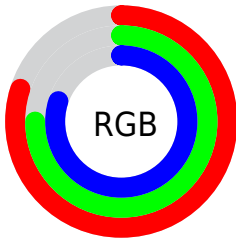
Format	Color
R_{YB}	204, 190, 203
Decimal	13418187
CIE Lab	78.45, 7.26, -4.75
CIE LCh	78, 8.673, 326.778
Yxy	53.9761, 0.3143, 0.3136
Android (android.graphics.Color)	4291608267 (0xFFCCBECB)
YUV	195.6680, 3.6147, 7.3072
Hunter-Lab	73.4684, 2.8598, -0.2752

Details

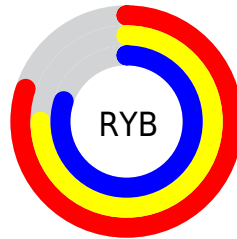
The XYZ color **54.0948, 53.9761, 64.0672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2341, 57.8960, 57.7151**, and the grayscale version is **52.2492, 54.9702, 59.8625**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **26.9482, 26.5453, 32.1372** is the 20% darker color. If you saturate the color by 10%, you get **49.8096, 45.6817, 61.7863**, and if you desaturate by 10%, it is **59.0032, 63.5127, 66.5651**.

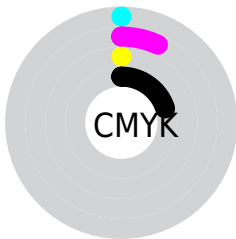
Distribution



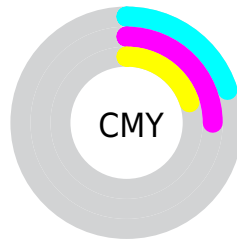
- Red (80%)
- Green (75%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0948, 53.9761, 64.0672 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 54.0948, 53.9761, 64.0672 by changing the saturation by 10% instead.

■ 54.0948, 53.9761,
64.0672

■ 54.0948, 53.9761,
64.0672

392.6639,
402.0189, 457.6464

■ 38.9084, 38.5826,
46.2586

■ 95.3695, 96.0392,
112.3081

■ 26.8689, 26.4351,
32.0998

122.1885,
123.4774, 143.5775

■ 17.6109, 17.1495,
21.1723

153.6159,
155.6995, 180.1708

■ 10.7690, 10.3411,
13.0575

190.0168,
193.0896, 222.5067

■ 5.9778, 5.6257,
7.3370

231.7567,
236.0322, 271.0037

■ 2.8721, 2.6188,
3.5921

279.2009,

■ 1.0865, 0.9361,

284.9116, 326.0802

1.4043

332.7149,
340.1124, 388.1550

■ 0.0138, 0.0000,
0.1451

■ 0.0000, 0.0000,
0.0000

■ 54.0948, 53.9761,
64.0672

■ 54.0948, 53.9761,
64.0672

■ 49.8096, 45.6817,
61.7863

■ 59.0032, 63.5127,
66.5651

■ 46.1174, 38.5714,
59.7105

■ 64.5541, 74.3325,
69.2847

■ 42.9924, 32.5929,
57.8318

■ 70.7719, 86.4836,
72.2347

■ 40.4051, 27.6872,
56.1403

■ 72.1501, 88.9527,
73.5796

■ 38.3234, 23.7901,
54.6253

■ 72.3312, 89.0252,
74.5336

■ 36.7117, 20.8306,
53.2749

■ 72.5141, 89.0983,
75.4963

■ 35.5299, 18.7281,
52.0758

■ 72.6985, 89.1721,
76.4678

■ 34.7310, 17.3890,
51.0122

■ 72.8847, 89.2466,
77.4481

■ 34.2531, 16.6891,
50.0634

■ 73.0725, 89.3217,
78.4371

Harmonies

Analogous

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



52.7942, 53.9761, 67.5591



54.0948, 53.9761, 64.0672



54.6465, 53.9761, 59.3001

Triad

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



54.0948, 53.9761, 64.0672



51.4872, 53.9761, 49.8849



48.4308, 53.9761, 63.1039

Complementary

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



54.0948, 53.9761, 64.0672



52.2341, 57.8960, 57.7151

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.



48.0981, 53.9761, 58.2447



54.0948, 53.9761, 64.0672



49.8395, 53.9761, 50.7797

Square

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



54.0948, 53.9761, 64.0672



53.1201, 53.9761, 51.2600



48.6083, 53.9761, 53.7746



49.5271, 53.9761, 66.9816

Rectangle

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



54.0948, 53.9761, 64.0672



54.5064, 53.9761, 56.1015



48.6083, 53.9761, 53.7746



48.2270, 53.9761, 61.5234

Sweetspot

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



54.0964, 53.9784, 64.0684



93.3859, 96.7656, 108.0561



50.7840, 52.2570, 64.5376



20.0059, 20.7457, 23.1373



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.



54.0964, 53.9784, 64.0684



88.6501, 87.5743, 105.6133



53.2885, 53.6553, 59.8142



11.6516, 11.3894, 13.9660



21.4984, 10.4100, 31.4071



1.1197, 0.5413, 1.6761

Inverse Universe

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



54.0964, 53.9784, 64.0684



88.6501, 87.5743, 105.6133



53.0153, 58.2084, 61.8287



11.6516, 11.3894, 13.9660



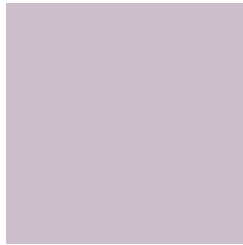
21.4984, 10.4100, 31.4071



1.1197, 0.5413, 1.6761

Previews

White Background



This preview shows how the XYZ color 54.0948, 53.9761, 64.0672 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 54.0948, 53.9761, 64.0672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

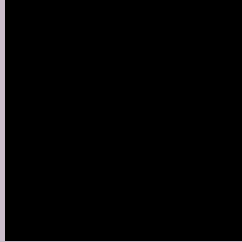
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0948, 53.9761, 64.0672

Background



This preview shows how black text looks on a background with the XYZ color 54.0948, 53.9761, 64.0672.



This preview shows how white text looks on a background with the XYZ color 54.0948, 53.9761,

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

54.0948, 53.9761, 64.0672

Protanopia

52.3375, 54.0170, 65.4255

Deuteranopia

55.0572, 53.8335, 63.9890



Tritanopia

54.3347, 54.0721, 65.3308

Trichromacy



Original Color

54.0948, 53.9761, 64.0672

Protanomaly

53.0374, 54.0647, 64.7669

Deuteranomaly

54.7092, 53.9724, 64.0341

Tritanomaly

54.2144, 54.0239, 64.6970

Monochromacy



Original Color

54.0948, 53.9761, 64.0672

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1538, 54.8492, 61.8183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0948, 53.9761, 64.0672 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(204, 190, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.0948, 53.9761, 64.0672 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(204, 190, 203) }
```


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

```
.border{ border-color:rgb(204, 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(204, 190, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0948, 53.9761, 64.0672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 190, 203) }
```

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

```
.background{ background-color: rgb(204,  
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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