

Converting Colors

XYZ(53.7375, 54.2595, 63.5188)

Have a look what the booklet for
XYZ(53.7375, 54.2595, 63.5188)
contains.

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Color

**XYZ(53.6486, 54.0824,
63.4885)**

Conversions

Conversions Part 1

Format	Color
Hex	CABFCA
RGB	202, 191, 202
RGB Percent	79%, 75%, 79%
CMY	0.2078, 0.2510, 0.2078
CMYK	0.00, 0.05, 0.00, 0.21
HSL	300°, 9%, 77%
HSV	300°, 5%, 79%
XYZ	53.6486, 54.0824, 63.4885
YIQ	195.5430, 3.0250, 5.7530

Conversions

Conversions Part 2

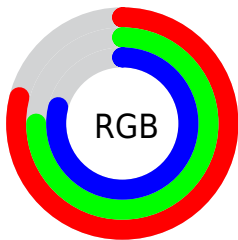
Format	Color
R _Y B	202, 191, 202
Decimal	13287370
CIE Lab	78.51, 5.85, -4.14
CIE LCh	79, 7.163, 324.703
Yxy	54.0824, 0.3133, 0.3159
Android (android.graphics.Color)	4291477450 (0xFFCABFCA)
YUV	195.5430, 3.1833, 5.6628
Hunter-Lab	73.5407, 1.5210, 0.2928

Details

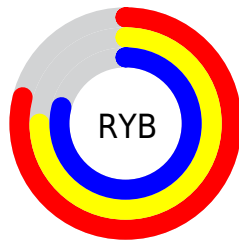
The XYZ color **53.6486, 54.0824, 63.4885** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.0124, 57.0805, 57.5693**, and the grayscale version is **52.1774, 54.8947, 59.7803**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **26.6465, 26.6110, 31.7490** is the 20% darker color. If you saturate the color by 10%, you get **49.5443, 45.8731, 62.1210**, and if you desaturate by 10%, it is **58.3635, 63.5115, 65.0609**.

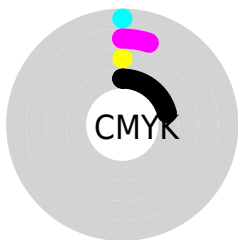
Distribution



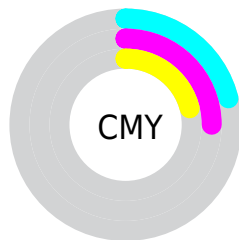
- Red (79%)
- Green (75%)
- Blue (79%)



- Red (79%)
- Yellow (75%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6486, 54.0824, 63.4885 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 53.6486, 54.0824, 63.4885 by changing the saturation by 10% instead.

■ 53.6486, 54.0824,
63.4885

■ 53.6486, 54.0824,
63.4885

390.9888,
402.4241, 455.4968

■ 38.5503, 38.6675,
45.7930

■ 94.7180, 96.1952,
111.4663

■ 26.5893, 26.5012,
31.7350

121.4199,
123.6620, 142.5857

■ 17.4000, 17.1990,
20.8960

152.7203,
155.9148, 179.0168

■ 10.6171, 10.3764,
12.8575

188.9847,
193.3381, 221.1782

■ 5.8754, 5.6493,
7.2009

230.5784,
236.3163, 269.4883

■ 2.8094, 2.6330,
3.5077

277.8668,

■ 1.0538, 0.9433,

285.2338, 324.3658

1.3594

331.2151,
340.4750, 386.2291

■ 0.0000, 0.0000,
0.1097

■ 0.0000, 0.0000,
0.0000

■ 53.6486, 54.0824,
63.4885

■ 53.6486, 54.0824,
63.4885

■ 49.5443, 45.8731,
62.1210

■ 58.3635, 63.5115,
65.0609

■ 46.0213, 38.8272,
60.9465

■ 63.7078, 74.1999,
66.8424

■ 43.0548, 32.8941,
59.9576

■ 69.7049, 86.1941,
68.8416

■ 40.6162, 28.0170,
59.1446

■ 70.7784, 88.3411,
69.1995

38.6747, 24.1340,
58.4974

70.7784, 88.3411,
69.1996

37.1961, 21.1769,
58.0044

70.7785, 88.3411,
69.1997

36.1419, 19.0685,
57.6529

70.7785, 88.3411,
69.1998

35.4675, 17.7197,
57.4280

70.7785, 88.3412,
69.1999

35.1181, 17.0208,
57.3114

70.7785, 88.3412,
69.2000

Harmonies

Analogous

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



52.5452, 54.0824, 66.2268



53.6486, 54.0824, 63.4885



54.1511, 54.0824, 59.6064

Triad

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



53.6486, 54.0824, 63.4885



51.6544, 54.0824, 51.4878



48.9795, 54.0824, 62.1917

Complementary

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



53.6486, 54.0824, 63.4885



52.0124, 57.0805, 57.5693

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.



48.7508, 54.0824, 58.1725



53.6486, 54.0824, 63.4885



50.2789, 54.0824, 52.1097

Square

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



53.6486, 54.0824, 63.4885



52.9864, 54.0824, 52.7734



49.2223, 54.0824, 54.5125



49.8528, 54.0824, 65.4545

Rectangle

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



53.6486, 54.0824, 63.4885



54.0712, 54.0824, 56.9376



49.2223, 54.0824, 54.5125



48.8254, 54.0824, 60.8795

Sweetspot

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



53.6502, 54.0847, 63.4897



93.4445, 96.7891, 108.3648



50.7797, 52.6050, 63.3554



20.0178, 20.7505, 23.2001



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.



53.6502, 54.0847, 63.4897



89.6176, 89.1353, 107.0891



53.0105, 53.8289, 60.1213



11.8662, 11.7611, 14.2150



22.5334, 10.8240, 36.8572



1.1625, 0.5584, 1.9014

Inverse Universe

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



53.6502, 54.0847, 63.4897



89.6176, 89.1353, 107.0891



52.6291, 57.3272, 60.8167



11.8662, 11.7611, 14.2150



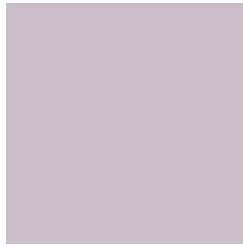
22.5334, 10.8240, 36.8572



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 53.6486, 54.0824, 63.4885 looks on a white background.

Color Contrast Check

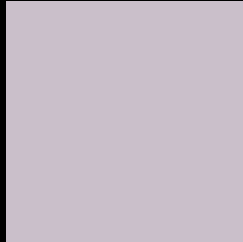
Large Text (above 18pt) WCAG AA × Fail

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 53.6486, 54.0824, 63.4885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

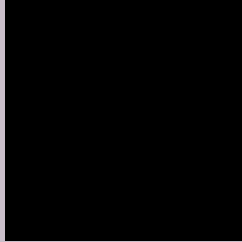
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6486, 54.0824, 63.4885

Background



This preview shows how black text looks on a background with the XYZ color 53.6486, 54.0824, 63.4885.



This preview shows how white text looks on a background with the XYZ color 53.6486, 54.0824,

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

53.6486, 54.0824, 63.4885

Protanopia

52.3551, 54.0538, 64.1739

Deuteranopia

55.0572, 53.8335, 63.9890



Tritanopia

54.0615, 53.9312, 65.3180

Trichromacy



Original Color

53.6486, 54.0824, 63.4885

Protanomaly

52.9178, 54.0168, 64.1371

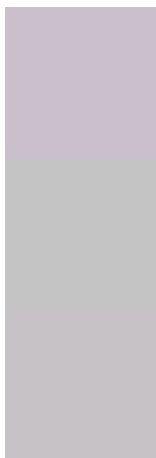
Deuteranomaly

54.4307, 53.8288, 64.0211

Tritanomaly

53.9411, 53.8831, 64.6842

Monochromacy



Original Color

53.6486, 54.0824, 63.4885

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7735, 54.6666, 61.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6486, 54.0824, 63.4885 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(202, 191, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 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(202, 191, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.6486, 54.0824, 63.4885 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(202, 191, 202) }
```


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

```
.border{ border-color:rgb(202, 191, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 191, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6486, 54.0824, 63.4885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 202) }
```

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

```
.background{ background-color: rgb(202,  
191, 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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