

Converting Colors

XYZ(53.5486, 53.5697, 48.7195)

Have a look what the booklet for
XYZ(53.5486, 53.5697, 48.7195)
contains.

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Color

**XYZ(53.4746, 53.6759,
48.6164)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BDB0
RGB	213, 189, 176
RGB Percent	84%, 74%, 69%
CMY	0.1647, 0.2588, 0.3098
CMYK	0.00, 0.11, 0.17, 0.16
HSL	21°, 31%, 76%
HSV	21°, 17%, 84%
XYZ	53.4746, 53.6759, 48.6164
YIQ	194.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

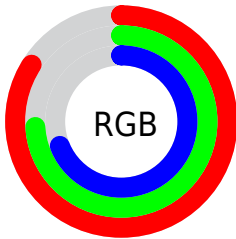
Format	Color
RYB	213, 196, 176
Decimal	14007728
CIELab	78.27, 6.42, 9.67
CIELCh	78, 11.612, 56.425
Yxy	53.6759, 0.3433, 0.3446
Android (android.graphics.Color)	4292197808 (0xFFD5BDB0)
YUV	194.6940, -9.2161, 16.0544
Hunter-Lab	73.2638, 2.0738, 11.9410

Details

The XYZ color **53.4746, 53.6759, 48.6164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5687, 55.3414, 70.9678**, and the grayscale version is **51.7363, 54.4306, 59.2749**.

A 20% lighter version of the original color is **88.4579, 92.3910, 89.5149**, and **26.5428, 26.3327, 22.7525** is the 20% darker color. If you saturate the color by 10%, you get **48.6993, 47.2372, 37.4300**, and if you desaturate by 10%, it is **58.8666, 60.8178, 61.6411**.

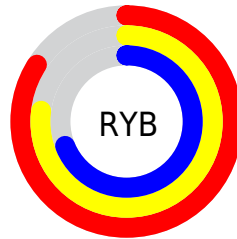
Distribution



Red (84%)

Green (74%)

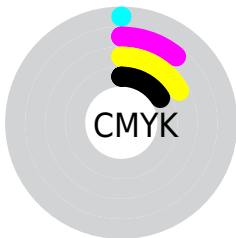
Blue (69%)



Red (84%)

Yellow (77%)

Blue (69%)

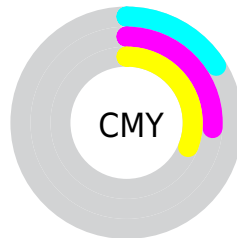


Cyan (0%)

Magenta (11%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4746, 53.6759, 48.6164 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 53.4746, 53.6759, 48.6164 by changing the saturation by 10% instead.


 53.4746, 53.6759,
48.6164

 53.4746, 53.6759,
48.6164


390.3344,
400.8729, 397.8092

 38.4108, 38.3426,
33.9518


 94.4638, 95.5982,
89.4965

 26.4803, 26.2487,
22.5795


121.1199,
122.9560, 116.5492

 17.3179, 17.0098,
14.0810


152.3707,
155.0908, 148.5683

 10.5581, 10.2415,
8.0376

188.5818,
192.3869, 185.9723

 5.8356, 5.5594,
4.0309

230.1183,
235.2288, 229.1799

 2.7851, 2.5790,
1.6423

277.3457,

 1.0412, 0.9161,

284.0008, 278.6096

0.3207

330.6293,
339.0874, 334.6798

0.0000, 0.0000,
0.0000

53.4746, 53.6759,
48.6164

53.4746, 53.6759,
48.6164

48.6993, 47.2372,
37.4300

58.8666, 60.8178,
61.6411

44.5131, 41.4727,
27.9949

64.8928, 68.6764,
76.5788

40.8926, 36.3615,
20.2220

71.5756, 77.2743,
93.5045

37.8110, 31.8792,
14.0131

77.9199, 86.2246,
107.1439

35.2393, 27.9996,
9.2593

81.2507, 92.8862,
108.2542

■ 33.1450, 24.6945,
5.8377

■ 31.4913, 21.9327,
3.6046

■ 30.2310, 19.6778,
2.3657

■ 29.9474, 19.1596,
2.1198

Harmonies

Analogous

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



55.0352, 53.6759, 53.0448



53.4746, 53.6759, 48.6164



51.2905, 53.6759, 46.8123

Triad

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



53.4746, 53.6759, 48.6164



46.7754, 53.6759, 57.6663



52.9887, 53.6759, 70.3944

Complementary

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



53.4746, 53.6759, 48.6164



50.5687, 55.3414, 70.9678

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.



50.7451, 53.6759, 71.8584



53.4746, 53.6759, 48.6164



47.1999, 53.6759, 64.1976

Square

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



53.4746, 53.6759, 48.6164



47.4593, 53.6759, 51.7867



48.6365, 53.6759, 69.5139



54.7489, 53.6759, 65.6486

Rectangle

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



53.4746, 53.6759, 48.6164



49.7906, 53.6759, 47.2334



48.6365, 53.6759, 69.5139



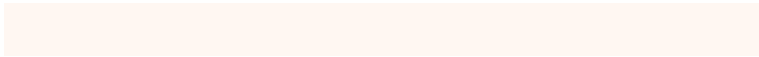
52.2641, 53.6759, 71.3012

Sweetspot

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



53.4761, 53.6783, 48.6175



90.4832, 94.0430, 97.5845



53.3976, 49.3700, 61.3897



19.2340, 19.9547, 20.5595



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.



53.4761, 53.6783, 48.6175



77.5000, 76.8269, 66.2807



57.6995, 62.1252, 50.0253



12.7767, 13.1277, 13.0212



18.3803, 11.8778, 1.3239



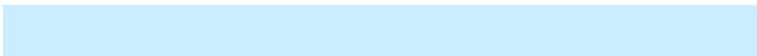
1.1852, 0.8695, 0.1054

Inverse Universe

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



50.5687, 55.3414, 70.9678



72.3056, 79.7941, 106.1986



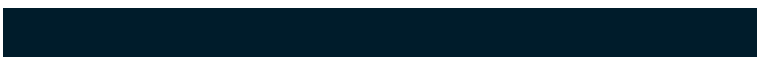
46.5513, 47.3068, 69.6287



12.4078, 13.3391, 15.8583



12.9993, 14.2604, 40.5206



0.8605, 1.0129, 2.4695

Previews

White Background



This preview shows how the XYZ color 53.4746, 53.6759, 48.6164 looks on a white background.

Color Contrast Check

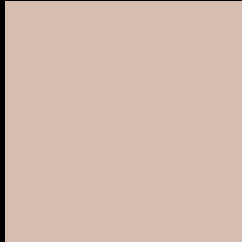
Large Text (above 18pt) WCAG AA × Fail

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 53.4746, 53.6759, 48.6164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

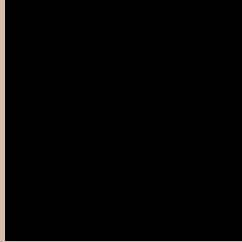
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4746, 53.6759, 48.6164

Background



This preview shows how black text looks on a background with the XYZ color 53.4746, 53.6759, 48.6164.



This preview shows how white text looks on a background with the XYZ color 53.4746, 53.6759, 48.6164.

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

53.4746, 53.6759, 48.6164

Protanopia

51.1932, 53.7718, 49.8003

Deuteranopia

54.8202, 53.7353, 48.5569



Tritanopia

56.0932, 53.4670, 62.0073

Trichromacy



Original Color

53.4746, 53.6759, 48.6164

Protanomaly

51.9623, 53.8527, 49.2509

Deuteranomaly

54.4350, 53.8527, 48.5999

Tritanomaly

54.9872, 53.3265, 56.6851

Monochromacy



Original Color

53.4746, 53.6759, 48.6164

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5042, 54.3273, 55.2959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4746, 53.6759, 48.6164 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, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 176)  
}
```

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, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.4746, 53.6759, 48.6164 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, 189, 176) }
```


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

```
.border{ border-color:rgb(213, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(213, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4746, 53.6759, 48.6164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 176) }
```

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

```
.background{ background-color: rgb(213,  
189, 176) }
```

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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