

Converting Colors

XYZ(53.3666, 63.5040, 43.5033)

Have a look what the booklet for
XYZ(53.3666, 63.5040, 43.5033)
contains.

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Color

**XYZ(53.3268, 63.5718,
43.6424)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D9A2
RGB	193, 217, 162
RGB Percent	76%, 85%, 64%
CMY	0.2431, 0.1490, 0.3647
CMYK	0.11, 0.00, 0.25, 0.15
HSL	86°, 42%, 74%
HSV	86°, 25%, 85%
XYZ	53.3268, 63.5718, 43.6424
YIQ	203.5540, 3.3510, -22.1930

Conversions

Conversions Part 2

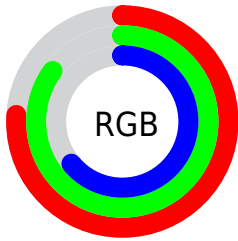
Format	Color
RYB	162, 217, 186
Decimal	12704162
CIELab	83.74, -17.54, 24.51
CIELCh	84, 30.135, 125.585
Yxy	63.5718, 0.3322, 0.3960
Android (android.graphics.Color)	4290894242 (0xFFC1D9A2)
YUV	203.5540, -20.4861, -9.2559
Hunter-Lab	79.7319, -20.1454, 23.3591

Details

The XYZ color **53.3268, 63.5718, 43.6424** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6969, 41.2913, 71.2106**, and the grayscale version is **57.2381, 60.2190, 65.5785**.

A 20% lighter version of the original color is **87.7087, 96.8537, 79.7175**, and **26.3823, 32.4554, 19.6259** is the 20% darker color. If you saturate the color by 10%, you get **49.2249, 61.6631, 34.2354**, and if you desaturate by 10%, it is **57.9196, 65.6989, 54.8126**.

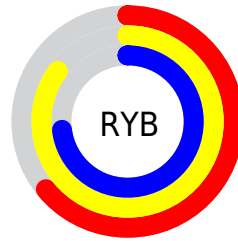
Distribution



Red (76%)

Green (85%)

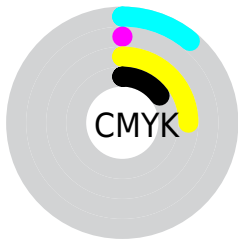
Blue (64%)



Red (64%)

Yellow (85%)

Blue (73%)

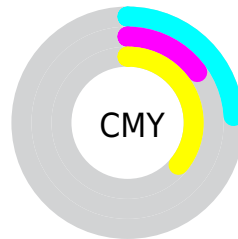


Cyan (11%)

Magenta (0%)

Yellow (25%)

Black (15%)



Cyan (24%)


Magenta (15%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3268, 63.5718, 43.6424 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 53.3268, 63.5718, 43.6424 by changing the saturation by 10% instead.


 53.3268, 63.5718,
43.6424

 53.3268, 63.5718,
43.6424


389.7780,
437.6417, 377.2456

 38.2922, 46.3039,
30.0543


 94.2478, 109.9940,
81.9761

 26.3878, 32.4857,
19.6274


 120.8649,
139.9172, 107.5588

 17.2482, 21.7328,
11.9431


152.0736,
174.8276, 137.9769

 10.5080, 13.6607,
6.5829

188.2392,
215.1096, 173.6488

 5.8019, 7.8850,
3.1282

229.7271,
261.1476, 214.9930

 2.7645, 4.0215,
1.1605

276.9026,

 1.0305, 1.6856,

313.3260, 262.4282

0.0000

330.1312,
372.0293, 316.3729

0.0000, 0.4143,
0.0000

0.0000, 0.0000,
0.0000

53.3268, 63.5718,
43.6424

53.3268, 63.5718,
43.6424

49.2249, 61.6631,
34.2354

57.9196, 65.6989,
54.8126

45.5889, 59.9562,
26.4973

63.0169, 68.0440,
67.8255

42.3990, 58.4449,
20.3313

68.6380, 70.6170,
82.7608

39.6314, 57.1194,
15.6289

74.7996, 73.4250,
99.6924

■ 37.2600, 55.9688,
12.2680

■ 78.9193, 75.4354,
105.0087

■ 35.2544, 54.9807,
10.1064

■ 82.2253, 77.1397,
105.1635

■ 33.5784, 54.1400,
8.9703

■ 84.1042, 78.1083,
105.2514

■ 32.8828, 53.7879,
8.6490

Harmonies

Analogous

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



59.1949, 63.5718, 38.9516



53.3268, 63.5718, 43.6424



49.5760, 63.5718, 55.2409

Triad

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



53.3268, 63.5718, 43.6424



55.3218, 63.5718, 107.9224



73.9715, 63.5718, 65.7375

Complementary

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



53.3268, 63.5718, 43.6424



45.6969, 41.2913, 71.2106

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.



72.7471, 63.5718, 85.3759



53.3268, 63.5718, 43.6424



61.6681, 63.5718, 112.1188

Square

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



53.3268, 63.5718, 43.6424



50.6677, 63.5718, 92.6268



68.1225, 63.5718, 103.2303



71.3565, 63.5718, 50.1296

Rectangle

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



53.3268, 63.5718, 43.6424



48.6195, 63.5718, 66.4553



68.1225, 63.5718, 103.2303



73.9974, 63.5718, 72.0581

Sweetspot

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



53.3285, 63.5746, 43.6438



88.7378, 97.1055, 92.3609



52.6630, 52.4102, 41.5239



18.7512, 20.6732, 19.1464



0.0000, 0.0000, 0.0000



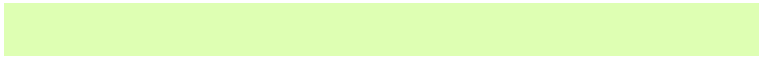
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3285, 63.5746, 43.6438



73.8523, 90.2232, 55.9056



46.9925, 60.3083, 43.3473



13.5852, 14.9664, 13.8984



20.0278, 32.6222, 5.2411



1.3957, 2.1641, 0.3441

Inverse Universe

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



45.6969, 41.2913, 71.2106



61.1885, 53.2402, 101.6591



52.9845, 45.0481, 71.5516



12.8751, 12.8937, 16.4623



10.5363, 4.5558, 40.0624



0.7803, 0.3455, 2.6000

Previews

White Background



This preview shows how the XYZ color 53.3268, 63.5718, 43.6424 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 53.3268, 63.5718, 43.6424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

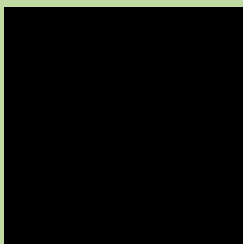
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

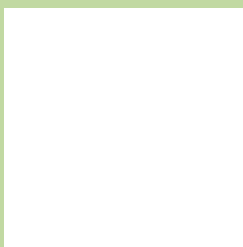
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3268, 63.5718, 43.6424

Background



This preview shows how black text looks on a background with the XYZ color 53.3268, 63.5718, 43.6424.

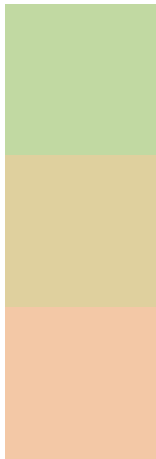


This preview shows how white text looks on a background with the XYZ color 53.3268, 63.5718,

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

53.3268, 63.5718, 43.6424

Protanopia

59.1589, 63.2683, 41.4418

Deuteranopia

64.4994, 63.1164, 44.8596



Tritanopia

60.7482, 63.5937, 80.3072

Trichromacy



Original Color

53.3268, 63.5718, 43.6424

Protanomaly

56.7037, 63.0888, 41.9896

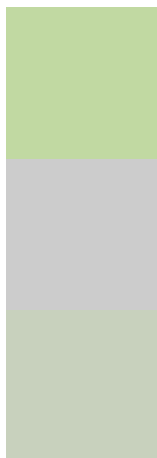
Deuteranomaly

59.9142, 62.8668, 44.5740

Tritanomaly

57.7573, 63.4933, 65.0884

Monochromacy



Original Color

53.3268, 63.5718, 43.6424

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.8052, 61.5544, 57.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3268, 63.5718, 43.6424 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(193, 217, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 162)  
}
```

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(193, 217, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 162) }
```

Border

The CSS property to change the border of an element to XYZ 53.3268, 63.5718, 43.6424 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(193, 217, 162) }
```


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

```
.border{ border-color:rgb(193, 217, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 217, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3268, 63.5718, 43.6424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 162) }
```

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

```
.background{ background-color: rgb(193,  
217, 162) }
```

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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