

Converting Colors

XYZ(53.4650, 63.2164, 51.9295)

Have a look what the booklet for
XYZ(53.4650, 63.2164, 51.9295)
contains.

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Color

**XYZ(53.4316, 63.0578,
52.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD8B3
RGB	188, 216, 179
RGB Percent	74%, 85%, 70%
CMY	0.2627, 0.1529, 0.2980
CMYK	0.13, 0.00, 0.17, 0.15
HSL	105°, 32%, 77%
HSV	105°, 17%, 85%
XYZ	53.4316, 63.0578, 52.0030
YIQ	203.4100, -4.8110, -17.4430

Conversions

Conversions Part 2

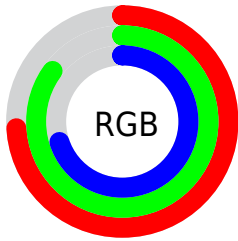
Format	Color
R _Y B	179, 216, 207
Decimal	12376243
CIE Lab	83.47, -16.10, 15.17
CIE LCh	83, 22.125, 136.709
Yxy	63.0578, 0.3171, 0.3742
Android (android.graphics.Color)	4290566323 (0xFFBCD8B3)
YUV	203.4100, -12.0341, -13.5146
Hunter-Lab	79.4089, -18.8590, 16.7587

Details

The XYZ color **53.4316, 63.0578, 52.0030** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.2494, 50.4652, 71.8506**, and the grayscale version is **57.0995, 60.0731, 65.4196**.

A 20% lighter version of the original color is **88.0636, 96.7513, 92.6307**, and **26.3423, 32.0644, 24.5393** is the 20% darker color. If you saturate the color by 10%, you get **47.6147, 60.2939, 41.2065**, and if you desaturate by 10%, it is **60.0504, 66.1992, 64.6260**.

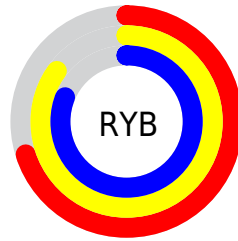
Distribution



Red (74%)

Green (85%)

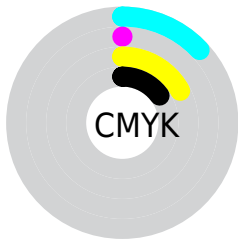
Blue (70%)



Red (70%)

Yellow (85%)

Blue (81%)

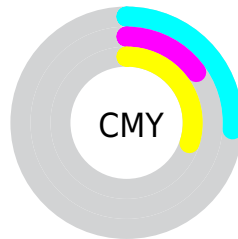


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (15%)



Cyan (26%)


Magenta (15%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4316, 63.0578, 52.0030 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 53.4316, 63.0578, 52.0030 by changing the saturation by 10% instead.


 53.4316, 63.0578,
52.0030

 53.4316, 63.0578,
52.0030

390.1726,
435.7792, 411.4055

 38.3763, 45.8880,
36.6252


 94.4010, 109.2529,
94.5623

 26.4534, 32.1574,
24.6239


121.0457,
139.0469, 122.5809

 17.2976, 21.4818,
15.5806


152.2843,
173.8179, 155.6501

 10.5435, 13.4766,
9.0768


188.4821,
213.9500, 194.1886

 5.8258, 7.7576,
4.6938

230.0045,
259.8279, 238.6148

 2.7791, 3.9402,
2.0132

277.2168,

 1.0380, 1.6402,

311.8357, 289.3474

0.5634

330.4844,
370.3581, 346.8047

■ 0.0000, 0.3845,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.4316, 63.0578,
52.0030

■ 53.4316, 63.0578,
52.0030

■ 47.6147, 60.2939,
41.2065

■ 60.0504, 66.1992,
64.6260

■ 42.5634, 57.8851,
32.1480

■ 67.4952, 69.7234,
79.1503

■ 38.2465, 55.8192,
24.7378

■ 75.7956, 73.6458,
95.6515

■ 34.6283, 54.0799,
18.8766

■ 83.2571, 77.2901,
105.1381

■ 31.6699, 52.6496,
14.4543

■ 83.8471, 77.5943,
105.1657

■ 29.3285, 51.5090,
11.3465

■ 27.5555, 50.6360,
9.4074

■ 26.2912, 50.0043,
8.4441

■ 26.0009, 49.8586,
8.2533

Harmonies

Analogous

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



57.3063, 63.0578, 46.2242



53.4316, 63.0578, 52.0030



51.3508, 63.0578, 62.7299

Triad

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



53.4316, 63.0578, 52.0030



57.8268, 63.0578, 97.9021



69.2674, 63.0578, 61.2992

Complementary

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



53.4316, 63.0578, 52.0030



54.2494, 50.4652, 71.8506

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.



69.4253, 63.0578, 74.9509



53.4316, 63.0578, 52.0030



62.6419, 63.0578, 97.3833

Square

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



53.4316, 63.0578, 52.0030



53.7949, 63.0578, 89.8735



66.9448, 63.0578, 88.5390



66.5244, 63.0578, 51.0772

Rectangle

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



53.4316, 63.0578, 52.0030



51.1841, 63.0578, 71.8107



66.9448, 63.0578, 88.5390



69.6295, 63.0578, 65.6013

Sweetspot

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



53.4333, 63.0605, 52.0044



89.6033, 97.4215, 98.2830



58.7105, 62.3610, 51.5912



19.0203, 20.7771, 20.7295



0.0000, 0.0000, 0.0000



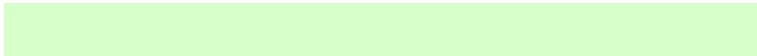
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4333, 63.0605, 52.0044



74.2257, 90.1258, 69.0202



52.2523, 62.3399, 56.9986



12.5425, 14.0403, 13.2097



15.4712, 29.5520, 4.8887



1.0087, 1.8214, 0.2984

Inverse Universe

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



54.2494, 50.4652, 71.8506



75.6515, 68.0765, 103.7605



55.6732, 51.3335, 65.8481



12.6442, 12.4735, 15.6787



16.4350, 7.6251, 39.0587



1.0635, 0.4972, 2.3592

Previews

White Background



This preview shows how the XYZ color 53.4316, 63.0578, 52.0030 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 53.4316, 63.0578, 52.0030 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

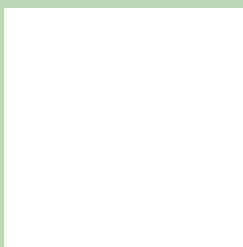
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4316, 63.0578, 52.0030

Background



This preview shows how black text looks on a background with the XYZ color 53.4316, 63.0578, 52.0030.



This preview shows how white text looks on a background with the XYZ color 53.4316, 63.0578,

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

53.4316, 63.0578, 52.0030

Protanopia

59.2641, 62.7809, 49.5518

Deuteranopia

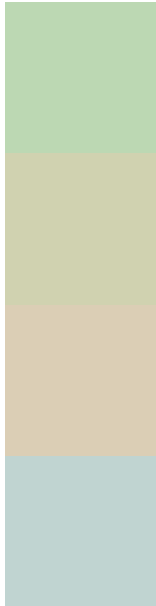
64.0228, 62.6905, 52.9821



Tritanopia

59.0336, 62.6940, 80.9413

Trichromacy



Original Color

53.4316, 63.0578, 52.0030

Protanomaly

56.8955, 62.6377, 50.1659

Deuteranomaly

59.6252, 62.5389, 52.6447

Tritanomaly

56.7903, 62.8969, 69.4687

Monochromacy



Original Color

53.4316, 63.0578, 52.0030

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.5822, 61.0126, 59.8860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4316, 63.0578, 52.0030 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(188, 216, 179)` looks like.

```
.text, #text, p{  
    color:rgb(188, 216, 179)  
}
```

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(188, 216, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 216, 179) }
```

Border

The CSS property to change the border of an element to XYZ 53.4316, 63.0578, 52.0030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

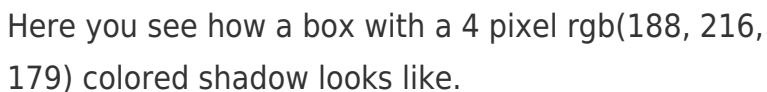
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 216, 179) }
```


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

```
.border{ border-color:rgb(188, 216, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 216, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 216, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 216, 179);  
box-shadow:4px 4px 4px 4px rgb(188, 216,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4316, 63.0578, 52.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 216, 179) }
```

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

```
.background{ background-color: rgb(188,  
216, 179) }
```

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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