

Converting Colors

XYZ(54.0667, 63.3340, 50.9705)

Have a look what the booklet for
XYZ(54.0667, 63.3340, 50.9705)
contains.

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Color

**XYZ(54.2299, 63.4925,
50.9920)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8B1
RGB	192, 216, 177
RGB Percent	75%, 85%, 69%
CMY	0.2471, 0.1529, 0.3059
CMYK	0.11, 0.00, 0.18, 0.15
HSL	97°, 33%, 77%
HSV	97°, 18%, 85%
XYZ	54.2299, 63.4925, 50.9920
YIQ	204.3780, -1.7850, -17.2170

Conversions

Conversions Part 2

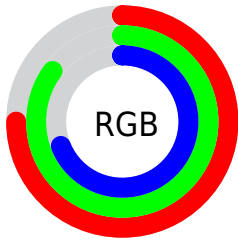
Format	Color
RYB	177, 216, 201
Decimal	12638385
CIELab	83.70, -15.04, 16.58
CIElCh	84, 22.390, 132.209
Yxy	63.4925, 0.3214, 0.3763
Android (android.graphics.Color)	4290828465 (0xFFC0D8B1)
YUV	204.3780, -13.4974, -10.8555
Hunter-Lab	79.6822, -17.9607, 17.8353

Details

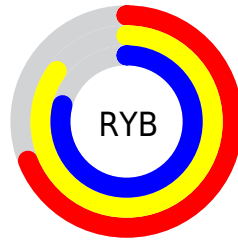
The XYZ color **54.2299, 63.4925, 50.9920** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.2067, 48.8214, 71.6410**, and the grayscale version is **57.7187, 60.7245, 66.1290**.

A 20% lighter version of the original color is **89.5349, 97.5429, 91.1995**, and **26.8642, 32.3482, 23.8967** is the 20% darker color. If you saturate the color by 10%, you get **49.0301, 61.0432, 40.3857**, and if you desaturate by 10%, it is **60.0780, 66.2404, 63.4102**.

Distribution



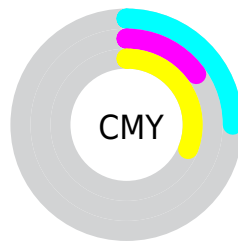
- Red (75%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (79%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2299, 63.4925, 50.9920 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 54.2299, 63.4925, 50.9920 by changing the saturation by 10% instead.

■ 54.2299, 63.4925,
50.9920

■ 54.2299, 63.4925,
50.9920

393.1701,
437.3547, 407.3784

■ 39.0169, 46.2398,
35.8256

■ 95.5666, 109.8797,
93.0543

■ 26.9537, 32.4351,
24.0109

122.4211,
139.7830, 120.7873

■ 17.6748, 21.6940,
15.1294

153.8867,
174.6719, 153.5462

■ 10.8151, 13.6322,
8.7626

190.3289,
214.9308, 191.7495

■ 6.0090, 7.8653,
4.4920

232.1130,
260.9442, 235.8159

■ 2.8913, 4.0089,
1.8989

279.6043,

■ 1.0965, 1.6785,

313.0963, 286.1638

0.4921

333.1682,
371.7717, 343.2118

■ 0.0222, 0.4097,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2299, 63.4925,
50.9920

■ 54.2299, 63.4925,
50.9920

■ 49.0301, 61.0432,
40.3857

■ 60.0780, 66.2404,
63.4102

■ 44.4495, 58.8737,
31.5025

■ 66.5920, 69.2886,
77.7153

■ 40.4643, 56.9755,
24.2525

■ 73.7950, 72.6493,
93.9828

■ 37.0467, 55.3367,
18.5357

■ 80.3247, 75.7784,
105.0009

■ 34.1667, 53.9441,
14.2416

■ 83.8471, 77.5942,
105.1657

■ 31.7908, 52.7832,
11.2443

■ 29.8809, 51.8375,
9.3963

■ 28.3859, 51.0854,
8.4849

■ 28.1304, 50.9563,
8.3529

Harmonies

Analogous

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



58.3748, 63.4925, 45.9485



54.2299, 63.4925, 50.9920



51.8046, 63.4925, 61.2029

Triad

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



54.2299, 63.4925, 50.9920



57.5114, 63.4925, 98.1762



70.0441, 63.4925, 63.5755

Complementary

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



54.2299, 63.4925, 50.9920



52.2067, 48.8214, 71.6410

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.



69.7819, 63.4925, 77.7191



54.2299, 63.4925, 50.9920



62.3646, 63.4925, 99.0389

Square

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



54.2299, 63.4925, 50.9920



53.6274, 63.4925, 88.9158



66.9092, 63.4925, 91.1338



67.6073, 63.4925, 52.5256

Rectangle

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



54.2299, 63.4925, 50.9920



51.4046, 63.4925, 70.1792



66.9092, 63.4925, 91.1338



70.2723, 63.4925, 68.0964

Sweetspot

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



54.2316, 63.4952, 50.9934



90.2364, 97.7479, 98.3127



57.0042, 59.2698, 50.0317



19.1738, 20.8563, 20.7367



0.0000, 0.0000, 0.0000



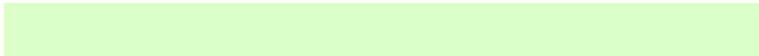
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2316, 63.4952, 50.9934



75.7161, 90.9286, 67.5323



51.0194, 61.7937, 52.9018



12.7094, 14.1264, 13.2175



16.7614, 30.2171, 4.9491



1.1020, 1.8695, 0.3028

Inverse Universe

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



52.2067, 48.8214, 71.6410



72.1939, 65.4162, 103.4293



55.9397, 50.8034, 69.2142



12.4690, 12.3832, 15.6705



13.1794, 5.9467, 38.9064



0.8861, 0.4057, 2.3509

Previews

White Background



This preview shows how the XYZ color 54.2299, 63.4925, 50.9920 looks on a white background.

Color Contrast Check

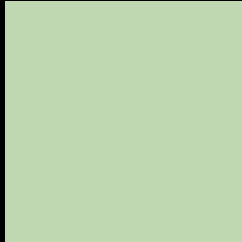
Large Text (above 18pt) WCAG AA × Fail

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 54.2299, 63.4925, 50.9920 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 54.2299, 63.4925, 50.9920

Background



This preview shows how black text looks on a background with the XYZ color 54.2299, 63.4925, 50.9920.



This preview shows how white text looks on a background with the XYZ color 54.2299, 63.4925,

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

54.2299, 63.4925, 50.9920

Protanopia

59.6139, 63.3445, 48.6199

Deuteranopia

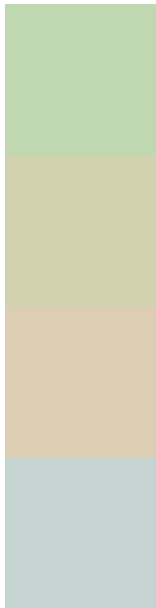
64.3848, 63.2457, 51.9942



Tritanopia

60.3473, 63.3713, 81.0027

Trichromacy



Original Color

54.2299, 63.4925, 50.9920

Protanomaly

57.5126, 63.3462, 49.2402

Deuteranomaly

60.0268, 62.7694, 51.5998

Tritanomaly

57.9546, 63.5114, 68.8789

Monochromacy



Original Color

54.2299, 63.4925, 50.9920

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.1129, 61.2862, 59.9109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2299, 63.4925, 50.9920 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(192, 216, 177)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 177)  
}
```

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(192, 216, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 177) }
```

Border

The CSS property to change the border of an element to XYZ 54.2299, 63.4925, 50.9920 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(192, 216, 177) }
```


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

```
.border{ border-color:rgb(192, 216, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 177);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2299, 63.4925, 50.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 177) }
```

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

```
.background{ background-color: rgb(192,  
216, 177) }
```

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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