

Converting Colors

XYZ(54.8510, 63.1524, 52.3762)

Have a look what the booklet for
XYZ(54.8510, 63.1524, 52.3762)
contains.

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Color

**XYZ(54.7905, 62.9905,
52.4506)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D6B4
RGB	195, 214, 180
RGB Percent	76%, 84%, 71%
CMY	0.2353, 0.1608, 0.2941
CMYK	0.09, 0.00, 0.16, 0.16
HSL	94°, 29%, 77%
HSV	94°, 16%, 84%
XYZ	54.7905, 62.9905, 52.4506
YIQ	204.4430, -0.4100, -14.6020

Conversions

Conversions Part 2

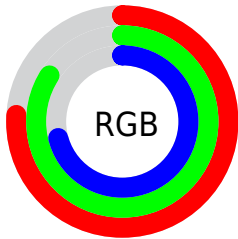
Format	Color
R_{YB}	180, 214, 199
Decimal	12834484
CIE _{Lab}	83.44, -12.48, 14.66
CIE _{LCh}	83, 19.257, 130.408
Yxy	62.9905, 0.3219, 0.3700
Android (android.graphics.Color)	4291024564 (0xFFC3D6B4)
YUV	204.4430, -12.0504, -8.2815
Hunter-Lab	79.3666, -15.6644, 16.3739

Details

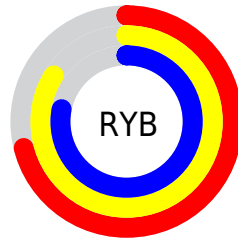
The XYZ color **54.7905, 62.9905, 52.4506** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0144, 49.6413, 70.4619**, and the grayscale version is **57.7504, 60.7579, 66.1654**.

A 20% lighter version of the original color is **91.0452, 98.2716, 93.5266**, and **27.2134, 31.9913, 24.8193** is the 20% darker color. If you saturate the color by 10%, you get **49.8094, 60.6573, 41.7025**, and if you desaturate by 10%, it is **60.3592, 65.5915, 64.9859**.

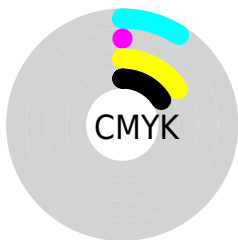
Distribution



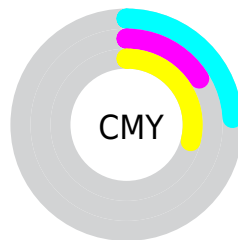
- Red (76%)
- Green (84%)
- Blue (71%)



- Red (71%)
- Yellow (84%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7905, 62.9905, 52.4506 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 54.7905, 62.9905, 52.4506 by changing the saturation by 10% instead.


 54.7905, 62.9905,
52.4506

 54.7905, 62.9905,
52.4506

395.2666,
435.5350, 413.1801

 39.4672, 45.8335,
36.9796


 96.3841, 109.1558,
95.2288

 27.3057, 32.1145,
24.8961


123.3850,
138.9329, 123.3731

 17.9407, 21.4489,
15.7813


155.0092,
173.6855, 156.5789

 11.0069, 13.4526,
9.2169

191.6220,
213.7981, 195.2648

 6.1388, 7.7409,
4.7842

233.5889,
259.6549, 239.8494

 2.9711, 3.9296,
2.0647

281.2750,

 1.1385, 1.6343,

311.6404, 290.7511

0.5946

335.0458,
370.1390, 348.3884

0.0570, 0.3805,
0.0000

0.0000, 0.0000,
0.0000

54.7905, 62.9905,
52.4506

54.7905, 62.9905,
52.4506

49.8094, 60.6573,
41.7025

60.3592, 65.5915,
64.9859

45.3898, 58.5745,
32.6562

66.5304, 68.4606,
79.3803

41.5106, 56.7352,
25.2253

73.3247, 71.6089,
95.7070

38.1475, 55.1288,
19.3143

79.0055, 74.3422,
104.7932

■ 35.2743, 53.7441,
14.8177

■ 83.2652, 76.5382,
104.9925

■ 32.8613, 52.5686,
11.6164

■ 83.3378, 76.5756,
104.9959

■ 30.8755, 51.5880,
9.5718

■ 29.2765, 50.7855,
8.5122

■ 28.7053, 50.4966,
8.2339

Harmonies

Analogous

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



58.4245, 62.9905, 48.2742



54.7905, 62.9905, 52.4506



52.5854, 62.9905, 61.1248

Triad

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



54.7905, 62.9905, 52.4506



57.2053, 62.9905, 92.7438



68.1633, 62.9905, 64.4949

Complementary

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



54.7905, 62.9905, 52.4506



52.0144, 49.6413, 70.4619

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.



67.7993, 62.9905, 76.6308



54.7905, 62.9905, 52.4506



61.3403, 62.9905, 93.9198

Square

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



54.7905, 62.9905, 52.4506



53.9339, 62.9905, 84.6842



65.2553, 62.9905, 87.7313



66.2277, 62.9905, 54.6692

Rectangle

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



54.7905, 62.9905, 52.4506



52.1583, 62.9905, 68.7508



65.2553, 62.9905, 87.7313



68.3079, 62.9905, 68.4214

Sweetspot

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



54.7922, 62.9932, 52.4520



90.4914, 97.8793, 98.3246



56.3266, 58.3027, 51.4657



19.2357, 20.8882, 20.7396



0.0000, 0.0000, 0.0000



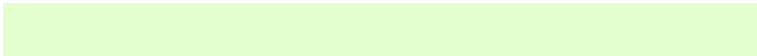
20.3446, 21.4041, 23.3091

Same Dimension

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



54.7922, 62.9932, 52.4520



78.9378, 92.4843, 72.4342



51.2833, 61.1642, 53.1975



12.7771, 14.1613, 13.2207



17.4649, 30.5798, 4.9820



1.1476, 1.8930, 0.3049

Inverse Universe

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



52.0144, 49.6413, 70.4619



74.0635, 69.0574, 104.0336



55.9767, 51.7089, 69.5196



12.3998, 12.3475, 15.6673



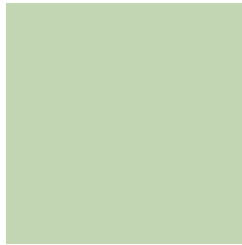
12.1062, 5.3935, 38.8561



0.8246, 0.3740, 2.3480

Previews

White Background



This preview shows how the XYZ color 54.7905, 62.9905, 52.4506 looks on a white background.

Color Contrast Check

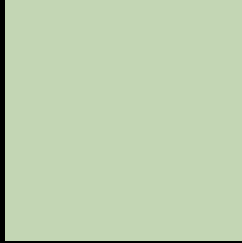
Large Text (above 18pt) WCAG AA × Fail

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 54.7905, 62.9905, 52.4506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

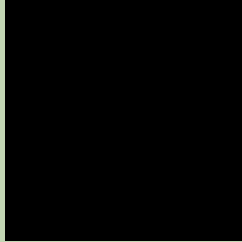
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

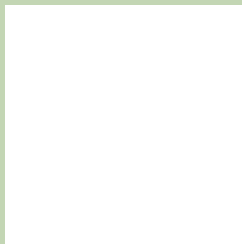
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7905, 62.9905, 52.4506

Background



This preview shows how black text looks on a background with the XYZ color 54.7905, 62.9905, 52.4506.



This preview shows how white text looks on a background with the XYZ color 54.7905, 62.9905,

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

54.7905, 62.9905, 52.4506

Protanopia

59.1621, 62.7054, 50.5801

Deuteranopia

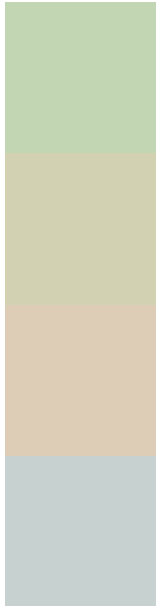
64.1266, 62.7320, 53.5284



Tritanopia

60.3675, 63.0501, 79.5092

Trichromacy



Original Color

54.7905, 62.9905, 52.4506

Protanomaly

57.6608, 63.0092, 51.2424

Deuteranomaly

60.3990, 62.5696, 53.1497

Tritanomaly

57.9849, 62.7894, 68.7379

Monochromacy



Original Color

54.7905, 62.9905, 52.4506

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.4936, 61.4694, 60.5170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7905, 62.9905, 52.4506 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(195, 214, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 214, 180)  
}
```

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(195, 214, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.7905, 62.9905, 52.4506 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(195, 214, 180) }
```


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

```
.border{ border-color:rgb(195, 214, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 214, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 214, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 214, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 214,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7905, 62.9905, 52.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 214, 180) }
```

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

```
.background{ background-color: rgb(195,  
214, 180) }
```

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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