

Converting Colors

XYZ(55.0324, 63.1109, 51.8145)

Have a look what the booklet for
XYZ(55.0324, 63.1109, 51.8145)
contains.

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Color

**XYZ(54.9482, 63.0836,
51.9281)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D6B3
RGB	196, 214, 179
RGB Percent	77%, 84%, 70%
CMY	0.2314, 0.1608, 0.2980
CMYK	0.08, 0.00, 0.16, 0.16
HSL	91°, 30%, 77%
HSV	91°, 16%, 84%
XYZ	54.9482, 63.0836, 51.9281
YIQ	204.6280, 0.5070, -14.7010

Conversions

Conversions Part 2

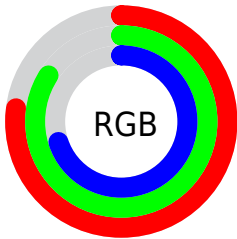
Format	Color
RYB	179, 214, 197
Decimal	12900019
CIELab	83.49, -12.29, 15.27
CIELCh	83, 19.604, 128.841
Yxy	63.0836, 0.3233, 0.3712
Android (android.graphics.Color)	4291090099 (0xFFC4D6B3)
YUV	204.6280, -12.6346, -7.5668
Hunter-Lab	79.4252, -15.5036, 16.8339

Details

The XYZ color **54.9482, 63.0836, 51.9281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2862, 48.9673, 70.3703**, and the grayscale version is **57.8710, 60.8848, 66.3035**.

A 20% lighter version of the original color is **91.2634, 98.4008, 92.7804**, and **27.3194, 32.0534, 24.4857** is the 20% darker color. If you saturate the color by 10%, you get **50.1911, 60.8641, 41.2707**, and if you desaturate by 10%, it is **60.2547, 65.5513, 64.3673**.

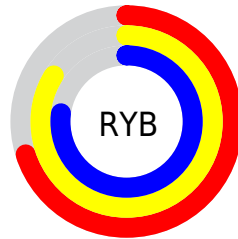
Distribution



Red (77%)

Green (84%)

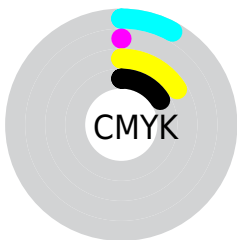
Blue (70%)



Red (70%)

Yellow (84%)

Blue (77%)

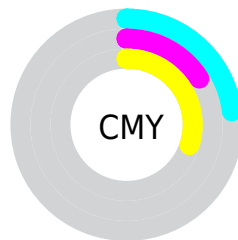


Cyan (8%)

Magenta (0%)

Yellow (16%)

Black (16%)



Cyan (23%)


Magenta (16%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9482, 63.0836, 51.9281 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 54.9482, 63.0836, 51.9281 by changing the saturation by 10% instead.


 54.9482, 63.0836,
51.9281

 54.9482, 63.0836,
51.9281


395.8552,
435.8728, 411.1080

 39.5939, 45.9088,
36.5659


 96.6138, 109.2901,
94.4507

 27.4049, 32.1739,
24.5784


123.6559,
139.0907, 122.4482

 18.0157, 21.4944,
15.5471


155.3246,
173.8686, 155.4945

 11.0610, 13.4858,
9.0534

191.9853,
214.0083, 194.0083

 6.1755, 7.7639,
4.6787

234.0033,
259.8942, 238.4080

 2.9937, 3.9443,
2.0046

281.7441,

 1.1505, 1.6424,

311.9106, 289.1121

0.5581

335.5729,
370.4421, 346.5393

0.0667, 0.3860,
0.0000

0.0000, 0.0000,
0.0000

54.9482, 63.0836,
51.9281

54.9482, 63.0836,
51.9281

50.1911, 60.8641,
41.2707

60.2547, 65.5513,
64.3673

45.9585, 58.8760,
32.3094

66.1244, 68.2669,
78.6604

42.2307, 57.1132,
24.9576

72.5768, 71.2409,
94.8807

38.9848, 55.5657,
19.1195

78.0435, 73.8464,
104.7482

■ 36.1958, 54.2231,
14.6891

■ 81.8954, 75.8321,
104.9284

■ 33.8357, 53.0735,
11.5467

■ 83.3379, 76.5757,
104.9960

■ 31.8727, 52.1037,
9.5524

■ 30.2677, 51.2972,
8.5300

■ 29.7486, 51.0346,
8.2827

Harmonies

Analogous

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



58.7041, 63.0836, 47.9452



54.9482, 63.0836, 51.9281



52.6125, 63.0836, 60.5322

Triad

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



54.9482, 63.0836, 51.9281



57.0395, 63.0836, 93.0747



68.4573, 63.0836, 65.1310

Complementary

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



54.9482, 63.0836, 51.9281



51.2862, 48.9673, 70.3703

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.



67.9596, 63.0836, 77.5439



54.9482, 63.0836, 51.9281



61.2318, 63.0836, 94.6856

Square

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



54.9482, 63.0836, 51.9281



53.7793, 63.0836, 84.5415



65.2657, 63.0836, 88.7125



66.5950, 63.0836, 54.9505

Rectangle

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



54.9482, 63.0836, 51.9281



52.1075, 63.0836, 68.2119



65.2657, 63.0836, 88.7125



68.5622, 63.0836, 69.1649

Sweetspot

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



54.9499, 63.0863, 51.9295



90.6929, 97.9832, 98.3340



55.7236, 57.2590, 50.7639



19.2846, 20.9134, 20.7419



0.0000, 0.0000, 0.0000



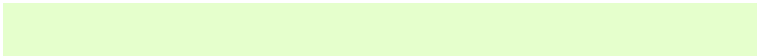
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9499, 63.0863, 51.9295



78.8981, 92.4995, 70.8226



50.7755, 60.9344, 51.7341



12.8307, 14.1889, 13.2232



18.0994, 30.9069, 5.0117



1.1870, 1.9133, 0.3067

Inverse Universe

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



51.2862, 48.9673, 70.3703



72.3506, 67.2672, 103.7783



55.9917, 51.3931, 70.5905



12.3457, 12.3196, 15.6648



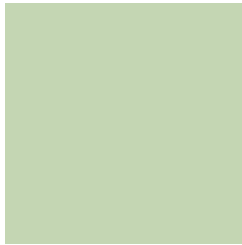
11.3494, 5.0033, 38.8207



0.7800, 0.3510, 2.3459

Previews

White Background



This preview shows how the XYZ color 54.9482, 63.0836, 51.9281 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 54.9482, 63.0836, 51.9281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

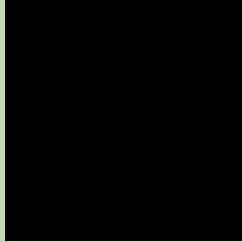
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

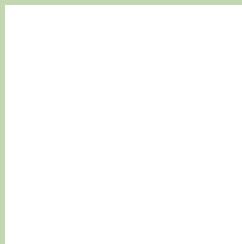
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9482, 63.0836, 51.9281

Background



This preview shows how black text looks on a background with the XYZ color 54.9482, 63.0836, 51.9281.



This preview shows how white text looks on a background with the XYZ color 54.9482, 63.0836, 51.9281.

51.9281.

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

54.9482, 63.0836, 51.9281

Protanopia

59.3627, 62.8203, 50.0711

Deuteranopia

64.0228, 62.6905, 52.9821



Tritanopia

60.6390, 63.1901, 79.5219

Trichromacy



Original Color

54.9482, 63.0836, 51.9281

Protanomaly

57.8464, 63.1164, 50.7288

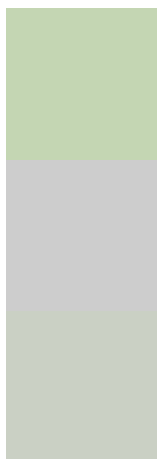
Deuteranomaly

60.2960, 62.5284, 52.6073

Tritanomaly

58.2512, 62.9266, 68.7504

Monochromacy



Original Color

54.9482, 63.0836, 51.9281

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.8768, 61.6538, 61.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9482, 63.0836, 51.9281 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(196, 214, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 214, 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(196, 214, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 214, 179) }
```

Border

The CSS property to change the border of an element to XYZ 54.9482, 63.0836, 51.9281 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(196, 214, 179) }
```


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

```
.border{ border-color:rgb(196, 214, 179) }
```

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

Here you see how a box with a 4 pixel rgb(196, 214, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 214, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 214, 179);  
box-shadow:4px 4px 4px 4px rgb(196, 214,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9482, 63.0836, 51.9281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 214, 179) }
```

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

```
.background{ background-color: rgb(196,  
214, 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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