

Converting Colors

XYZ(54.0704, 61.4699, 54.2883)

Have a look what the booklet for
XYZ(54.0704, 61.4699, 54.2883)
contains.

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Color

**XYZ(54.1941, 61.5186,
54.3653)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D3B8
RGB	194, 211, 184
RGB Percent	76%, 83%, 72%
CMY	0.2392, 0.1725, 0.2784
CMYK	0.08, 0.00, 0.13, 0.17
HSL	98°, 23%, 77%
HSV	98°, 13%, 83%
XYZ	54.1941, 61.5186, 54.3653
YIQ	202.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

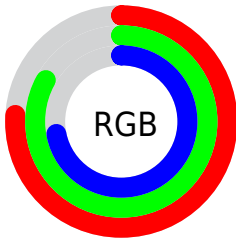
Format	Color
RYB	184, 211, 201
Decimal	12768184
CIELab	82.66, -10.63, 11.43
CIELCh	83, 15.613, 132.927
Yxy	61.5186, 0.3186, 0.3617
Android (android.graphics.Color)	4290958264 (0xFFC2D3B8)
YUV	202.8390, -9.2876, -7.7518
Hunter-Lab	78.4338, -13.9239, 13.8076

Details

The XYZ color **54.1941, 61.5186, 54.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9883, 51.4034, 68.7604**, and the grayscale version is **56.7222, 59.6762, 64.9874**.

A 20% lighter version of the original color is **91.2718, 98.3205, 96.6053**, and **26.8004, 30.9911, 26.0421** is the 20% darker color. If you saturate the color by 10%, you get **48.8865, 59.0210, 43.4195**, and if you desaturate by 10%, it is **60.1400, 64.3107, 67.0657**.

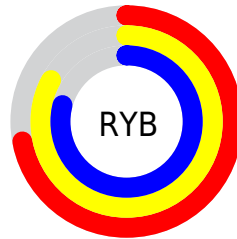
Distribution



Red (76%)

Green (83%)

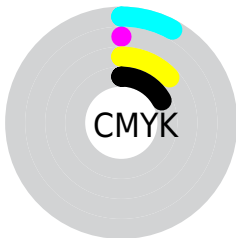
Blue (72%)



Red (72%)

Yellow (83%)

Blue (79%)

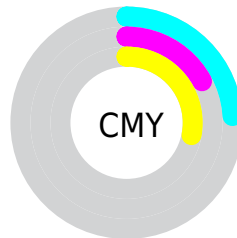


Cyan (8%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (24%)

Magenta (17%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1941, 61.5186, 54.3653 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 54.1941, 61.5186, 54.3653 by changing the saturation by 10% instead.

■ 54.1941, 61.5186,
54.3653

■ 54.1941, 61.5186,
54.3653

393.0360,
430.1729, 420.7154

■ 38.9881, 44.6438,
38.4986

■ 95.5144, 107.0295,
98.0722

■ 26.9312, 31.1770,
26.0651

122.3595,
136.4344, 126.7495

■ 17.6579, 20.7336,
16.6461

153.8149,
170.7847, 160.5341

■ 10.8028, 12.9294,
9.8232

190.2462,
210.4650, 199.8445

■ 6.0007, 7.3800,
5.1778

232.0186,
255.8596, 245.0994

■ 2.8862, 3.7009,
2.2914

279.4974,

■ 1.0939, 1.5077,

307.3528, 296.7171

0.7264

333.0481,
365.3291, 355.1163

0.0200, 0.2941,
0.0000

0.0000, 0.0000,
0.0000

54.1941, 61.5186,
54.3653

54.1941, 61.5186,
54.3653

48.8865, 59.0210,
43.4195

60.1400, 64.3107,
67.0657

44.1897, 56.8001,
34.1472

66.7404, 67.3987,
81.5890

40.0813, 54.8479,
26.4671

74.0173, 70.7943,
98.0047

36.5359, 53.1532,
20.2892

79.7559, 73.6123,
104.6128

■ 33.5255, 51.7039,
15.5148

■ 82.5855, 75.0711,
104.7452

■ 31.0197, 50.4865,
12.0332

■ 28.9844, 49.4864,
9.7172

■ 27.3797, 48.6864,
8.4137

■ 26.4484, 48.2164,
7.9127

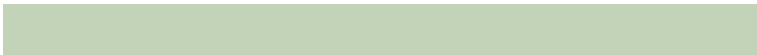
Harmonies

Analogous

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



57.0426, 61.5186, 50.5667



54.1941, 61.5186, 54.3653



52.5287, 61.5186, 61.7129

Triad

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



54.1941, 61.5186, 54.3653



56.6011, 61.5186, 86.2071



64.9759, 61.5186, 62.9412

Complementary

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



54.1941, 61.5186, 54.3653



52.9883, 51.4034, 68.7604

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.



64.8466, 61.5186, 72.5455



54.1941, 61.5186, 54.3653



59.9242, 61.5186, 86.6164

Square

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



54.1941, 61.5186, 54.3653



53.8816, 61.5186, 80.3468



62.9684, 61.5186, 81.4166



63.3152, 61.5186, 55.1903

Rectangle

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



54.1941, 61.5186, 54.3653



52.2727, 61.5186, 67.9296



62.9684, 61.5186, 81.4166



65.1421, 61.5186, 66.0458

Sweetspot

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



54.1958, 61.5213, 54.3666



91.1272, 98.1625, 100.3705



56.3233, 58.9224, 53.7529



19.3510, 20.9386, 21.1510



0.0000, 0.0000, 0.0000



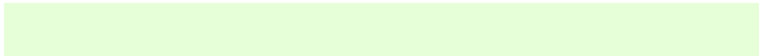
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1958, 61.5213, 54.3666



81.1791, 93.4913, 79.2423



52.0490, 60.3760, 56.0095



12.0639, 13.4164, 12.5658



16.0649, 29.1507, 4.7799



0.9848, 1.6745, 0.2713

Inverse Universe

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



52.9883, 51.4034, 68.7604



79.0182, 75.3889, 104.9945



55.3735, 52.6782, 66.8302



11.8688, 11.7812, 14.8921



13.0373, 5.9013, 37.6444



0.8149, 0.3743, 2.1089

Previews

White Background



This preview shows how the XYZ color 54.1941, 61.5186, 54.3653 looks on a white background.

Color Contrast Check

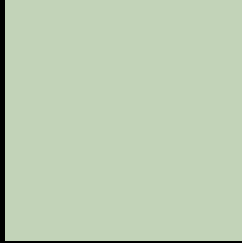
Large Text (above 18pt) WCAG AA × Fail

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 54.1941, 61.5186, 54.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

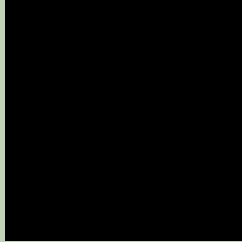
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

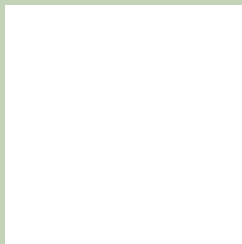
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1941, 61.5186, 54.3653

Background



This preview shows how black text looks on a background with the XYZ color 54.1941, 61.5186, 54.3653.



This preview shows how white text looks on a background with the XYZ color 54.1941, 61.5186,

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

54.1941, 61.5186, 54.3653

Protanopia

58.1961, 61.4459, 52.5090

Deuteranopia

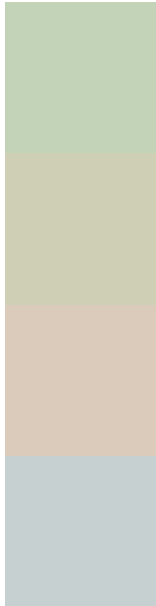
62.4424, 61.1318, 55.5223



Tritanopia

59.0755, 61.6959, 77.9021

Trichromacy



Original Color

54.1941, 61.5186, 54.3653

Protanomaly

56.4884, 61.2684, 53.1047

Deuteranomaly

59.1323, 61.1625, 55.1433

Tritanomaly

57.2297, 61.6716, 68.5620

Monochromacy



Original Color

54.1941, 61.5186, 54.3653

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.8545, 60.4075, 60.9405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1941, 61.5186, 54.3653 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(194, 211, 184)` looks like.

```
.text, #text, p{  
    color:rgb(194, 211, 184)  
}
```

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(194, 211, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 211, 184) }
```

Border

The CSS property to change the border of an element to XYZ 54.1941, 61.5186, 54.3653 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(194, 211, 184) }
```


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

```
.border{ border-color:rgb(194, 211, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 211, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 211, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 211, 184);  
box-shadow:4px 4px 4px 4px rgb(194, 211,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1941, 61.5186, 54.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 211, 184) }
```

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

```
.background{ background-color: rgb(194,  
211, 184) }
```

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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