

Converting Colors

XYZ(54.9914, 61.2867, 44.0998)

Have a look what the booklet for
XYZ(54.9914, 61.2867, 44.0998)
contains.

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Color

**XYZ(54.9549, 61.4031,
44.0775)**

Conversions

Conversions Part 1

Format	Color
Hex	CED1A4
RGB	206, 209, 164
RGB Percent	81%, 82%, 64%
CMY	0.1922, 0.1804, 0.3569
CMYK	0.01, 0.00, 0.22, 0.18
HSL	64°, 33%, 73%
HSV	64°, 22%, 82%
XYZ	54.9549, 61.4031, 44.0775
YIQ	202.9730, 12.6570, -14.6310

Conversions

Conversions Part 2

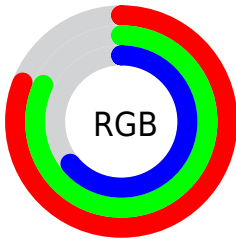
Format	Color
RYB	164, 209, 167
Decimal	13554084
CIELab	82.59, -8.44, 22.04
CIELCh	83, 23.600, 110.943
Yxy	61.4031, 0.3425, 0.3827
Android (android.graphics.Color)	4291744164 (0xFFCED1A4)
YUV	202.9730, -19.2137, 2.6547
Hunter-Lab	78.3601, -11.9460, 21.5015

Details

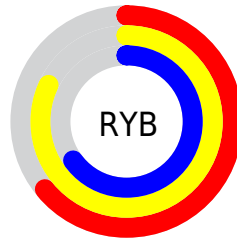
The XYZ color **54.9549, 61.4031, 44.0775** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7228, 39.3715, 65.7782**, and the grayscale version is **56.8604, 59.8216, 65.1457**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **27.4085, 31.1919, 19.9053** is the 20% darker color. If you saturate the color by 10%, you get **52.8354, 60.5128, 34.9223**, and if you desaturate by 10%, it is **57.3913, 62.4247, 54.8692**.

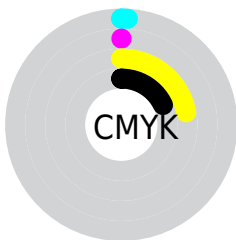
Distribution



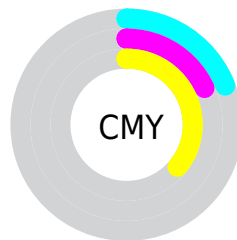
- Red (81%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9549, 61.4031, 44.0775 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 54.9549, 61.4031, 44.0775 by changing the saturation by 10% instead.

■ 54.9549, 61.4031,
44.0775

■ 54.9549, 61.4031,
44.0775

395.8801,
429.7505, 379.0750

■ 39.5993, 44.5506,
30.3938

■ 96.6236, 106.8624,
82.6381

■ 27.4091, 31.1036,
19.8831

■ 123.6674,
136.2379, 108.3520

■ 18.0189, 20.6777,
12.1269

155.3380,
170.5566, 138.9131

■ 11.0633, 12.8886,
6.7065

192.0007,
210.2027, 174.7399

■ 6.1770, 7.3519,
3.2036

234.0209,
255.5608, 216.2510

■ 2.9947, 3.6831,
1.1995

281.7640,

■ 1.1510, 1.4979,

307.0152, 263.8648

0.0000

335.5953,
364.9503, 318.0000

0.0671, 0.2873,
0.0000

0.0000, 0.0000,
0.0000

54.9549, 61.4031,
44.0775

54.9549, 61.4031,
44.0775

52.8354, 60.5128,
34.9223

57.3913, 62.4247,
54.8692

51.0128, 59.7396,
27.3199

60.1540, 63.5751,
67.3678

49.4723, 59.0796,
21.1852

63.2576, 64.8623,
81.6443

48.1959, 58.5257,
16.4235

66.7148, 66.2914,
97.7644

■ 47.1634, 58.0698,
12.9287

■ 68.2860, 66.9664,
103.9345

■ 46.3519, 57.7026,
10.5795

■ 68.6925, 67.1760,
103.9535

■ 45.7338, 57.4131,
9.2308

■ 69.1025, 67.3873,
103.9727

■ 45.3204, 57.2123,
8.6544

■ 69.5160, 67.6005,
103.9921

■ 69.9330, 67.8155,
104.0116

Harmonies

Analogous

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



59.9057, 61.4031, 42.9566



54.9549, 61.4031, 44.0775



51.1326, 61.4031, 50.8022

Triad

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



54.9549, 61.4031, 44.0775



52.4473, 61.4031, 90.8954



68.4998, 61.4031, 71.3373

Complementary

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



54.9549, 61.4031, 44.0775



40.7228, 39.3715, 65.7782

Split Complementary

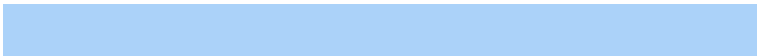
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2422, 61.4031, 85.9825



54.9549, 61.4031, 44.0775



56.8446, 61.4031, 98.2987

Square

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



54.9549, 61.4031, 44.0775



49.7440, 61.4031, 77.3130



61.9067, 61.4031, 96.3815



67.9215, 61.4031, 57.3899

Rectangle

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



54.9549, 61.4031, 44.0775



49.6456, 61.4031, 58.1717



61.9067, 61.4031, 96.3815



68.0428, 61.4031, 76.3677

Sweetspot

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



54.9565, 61.4058, 44.0788



92.3088, 98.8602, 96.4213



46.8161, 43.8747, 41.1240



19.6965, 21.1346, 20.3605



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.



54.9565, 61.4058, 44.0788



84.5428, 95.6111, 61.9725



49.1512, 58.4131, 43.8071



12.7223, 13.7558, 12.5966



27.9749, 35.2906, 5.3373



1.5882, 1.9856, 0.2996

Inverse Universe

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



40.7228, 39.3715, 65.7782



58.2078, 54.8404, 102.1251



45.8965, 42.0386, 66.0203



11.2357, 11.4548, 14.8625



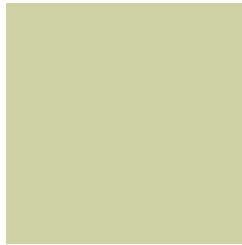
7.2370, 2.9111, 37.3730



0.4309, 0.1763, 2.0909

Previews

White Background



This preview shows how the XYZ color 54.9549, 61.4031, 44.0775 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 54.9549, 61.4031, 44.0775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

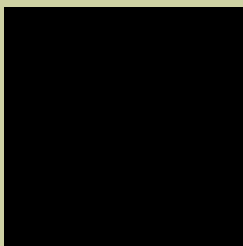
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

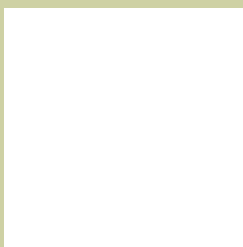
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9549, 61.4031, 44.0775

Background



This preview shows how black text looks on a background with the XYZ color 54.9549, 61.4031, 44.0775.



This preview shows how white text looks on a background with the XYZ color 54.9549, 61.4031,

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

54.9549, 61.4031, 44.0775

Protanopia

57.5663, 61.3313, 42.9865

Deuteranopia

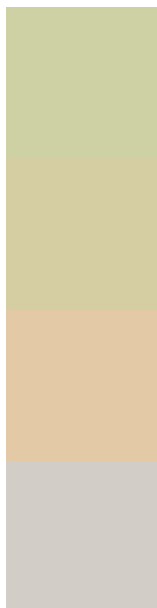
62.4458, 61.0364, 44.5663



Tritanopia

61.2160, 61.4491, 74.9641

Trichromacy



Original Color

54.9549, 61.4031, 44.0775

Protanomaly

56.4137, 61.0831, 43.4672

Deuteranomaly

59.3567, 60.8208, 44.2085

Tritanomaly

58.6027, 61.4415, 62.1968

Monochromacy



Original Color

54.9549, 61.4031, 44.0775

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.9185, 60.1741, 56.8117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9549, 61.4031, 44.0775 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(206, 209, 164)` looks like.

```
.text, #text, p{  
    color:rgb(206, 209, 164)  
}
```

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(206, 209, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 209, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.9549, 61.4031, 44.0775 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(206, 209, 164) }
```


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

```
.border{ border-color:rgb(206, 209, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 209, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 209, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 209, 164);  
box-shadow:4px 4px 4px 4px rgb(206, 209,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9549, 61.4031, 44.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 209, 164) }
```

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

```
.background{ background-color: rgb(206,  
209, 164) }
```

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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