

Converting Colors

XYZ(54.4740, 59.6575, 44.7127)

Have a look what the booklet for
XYZ(54.4740, 59.6575, 44.7127)
contains.

XYZ(54.4464, 59.6812, 44.7264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4464, 59.6812,
44.7264)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCDA6
RGB	207, 205, 166
RGB Percent	81%, 80%, 65%
CMY	0.1882, 0.1961, 0.3490
CMYK	0.00, 0.01, 0.20, 0.19
HSL	57°, 30%, 73%
HSV	57°, 20%, 81%
XYZ	54.4464, 59.6812, 44.7264
YIQ	201.1520, 13.7110, -11.7050

Conversions

Conversions Part 2

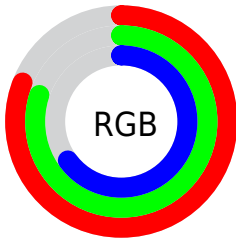
Format	Color
RYB	168, 207, 166
Decimal	13618598
CIELab	81.66, -5.71, 19.71
CIELCh	82, 20.526, 106.164
Yxy	59.6812, 0.3427, 0.3757
Android (android.graphics.Color)	4291808678 (0xFFCFCDA6)
YUV	201.1520, -17.3299, 5.1287
Hunter-Lab	77.2536, -9.3915, 19.7513

Details

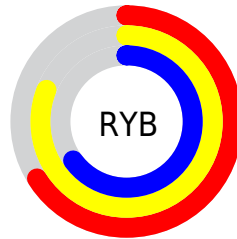
The XYZ color **54.4464, 59.6812, 44.7264** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9909, 40.6165, 64.7112**, and the grayscale version is **55.7111, 58.6124, 63.8289**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **27.0528, 30.0235, 20.2889** is the 20% darker color. If you saturate the color by 10%, you get **52.4588, 58.5038, 35.4377**, and if you desaturate by 10%, it is **56.7444, 60.9893, 55.6279**.

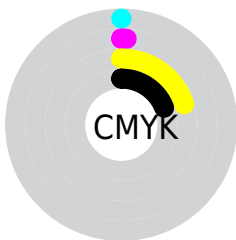
Distribution



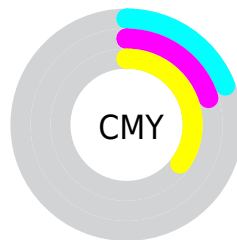
- Red (81%)
- Green (80%)
- Blue (65%)



- Red (66%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4464, 59.6812, 44.7264 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 54.4464, 59.6812, 44.7264 by changing the saturation by 10% instead.


 54.4464, 59.6812,
44.7264


 54.4464, 59.6812,
44.7264


393.9806,
423.4217, 381.7921

 39.1908, 43.1617,
30.9006


 95.8824, 104.3671,
83.6238

 27.0895, 30.0120,
20.2653


 122.7935,
133.3023, 109.5325

 17.7774, 19.8477,
12.4021


154.3205,
167.1448, 140.3058

 10.8890, 12.2844,
6.8923

190.8287,
206.2791, 176.3624

 6.0590, 6.9377,
3.3174

232.6834,
251.0895, 218.1208

 2.9220, 3.4232,
1.2589

280.2501,

 1.1126, 1.3564,

301.9605, 265.9995

0.0277

333.8940,
359.2764, 320.4171

■ 0.0357, 0.1843,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4464, 59.6812,
44.7264

■ 54.4464, 59.6812,
44.7264

■ 52.4588, 58.5038,
35.4377

■ 56.7444, 60.9893,
55.6279

■ 50.7622, 57.4432,
27.6811

■ 59.3617, 62.4256,
68.2101

■ 49.3425, 56.4959,
21.3747

■ 62.3127, 63.9978,
82.5416

■ 48.1823, 55.6549,
16.4275

■ 65.6094, 65.7109,
98.6862

47.2624, 54.9124,
12.7381

66.8394, 66.5998,
103.9400

46.5609, 54.2598,
10.1911

67.0890, 67.0990,
104.0232

46.0519, 53.6866,
8.6498

67.3402, 67.6013,
104.1069

45.6883, 53.1740,
7.8671

67.5930, 68.1068,
104.1911

45.6817, 53.1642,
7.8540

67.8473, 68.6154,
104.2759

Harmonies

Analogous

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



58.7327, 59.6812, 44.5318



54.4464, 59.6812, 44.7264



50.9479, 59.6812, 49.8746

Triad

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



54.4464, 59.6812, 44.7264



51.1702, 59.6812, 83.6755



65.1695, 59.6812, 70.8327

Complementary

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



54.4464, 59.6812, 44.7264



40.9909, 40.6165, 64.7112

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.



62.9235, 59.6812, 82.8698



54.4464, 59.6812, 44.7264



54.7640, 59.6812, 90.8957

Square

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



54.4464, 59.6812, 44.7264



49.1230, 59.6812, 71.8254



59.0667, 59.6812, 90.5834



65.0738, 59.6812, 58.5890

Rectangle

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



54.4464, 59.6812, 44.7264



49.4688, 59.6812, 55.8448



59.0667, 59.6812, 90.5834



64.6586, 59.6812, 75.0667

Sweetspot

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



54.4480, 59.6839, 44.7277



92.4465, 98.5792, 96.3599



46.4416, 43.3677, 42.9941



19.7292, 21.0679, 20.3459



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.



54.4480, 59.6839, 44.7277



85.7722, 94.7803, 64.6950



50.0712, 58.1407, 44.6605



12.7521, 13.6949, 12.5833



28.8020, 33.5371, 4.9553



1.6259, 1.9062, 0.2822

Inverse Universe

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



40.9909, 40.6165, 64.7112



60.1629, 58.4950, 102.7275



44.7746, 42.0243, 64.7835



11.2092, 11.5086, 14.8743



7.1848, 3.0162, 37.3960



0.4183, 0.2018, 2.0965

Previews

White Background



This preview shows how the XYZ color 54.4464, 59.6812, 44.7264 looks on a white background.

Color Contrast Check

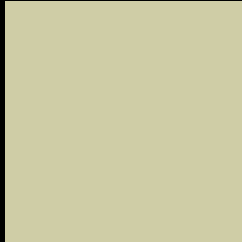
Large Text (above 18pt) WCAG AA × Fail

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 54.4464, 59.6812, 44.7264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

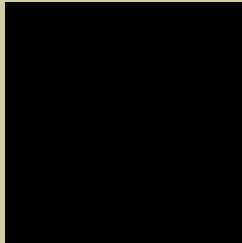
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

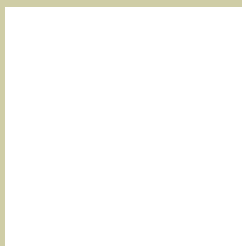
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4464, 59.6812, 44.7264

Background



This preview shows how black text looks on a background with the XYZ color 54.4464, 59.6812, 44.7264.



This preview shows how white text looks on a background with the XYZ color 54.4464, 59.6812,

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

54.4464, 59.6812, 44.7264

Protanopia

55.9364, 59.4047, 44.1154

Deuteranopia

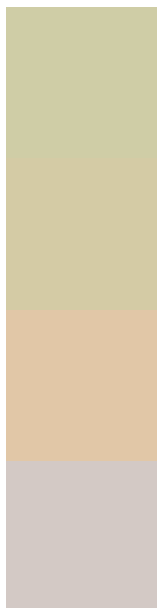
60.8439, 59.5195, 45.3274



Tritanopia

59.7723, 59.3893, 71.9313

Trichromacy



Original Color

54.4464, 59.6812, 44.7264

Protanomaly

55.2988, 59.4255, 44.1530

Deuteranomaly

58.4498, 59.6444, 44.9911

Tritanomaly

57.8287, 59.6534, 61.2897

Monochromacy



Original Color

54.4464, 59.6812, 44.7264

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8262, 58.5684, 55.9921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4464, 59.6812, 44.7264 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(207, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 166)  
}
```

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(207, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.4464, 59.6812, 44.7264 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(207, 205, 166) }
```


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

```
.border{ border-color:rgb(207, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4464, 59.6812, 44.7264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 166) }
```

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

```
.background{ background-color: rgb(207,  
205, 166) }
```

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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