

Converting Colors

XYZ(54.6860, 63.0392, 47.8136)

Have a look what the booklet for
XYZ(54.6860, 63.0392, 47.8136)
contains.

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Color

**XYZ(54.6860, 63.0392,
47.8136)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D6AB
RGB	198, 214, 171
RGB Percent	78%, 84%, 67%
CMY	0.2235, 0.1608, 0.3294
CMYK	0.07, 0.00, 0.20, 0.16
HSL	82°, 34%, 75%
HSV	82°, 20%, 84%
XYZ	54.6860, 63.0392, 47.8136
YIQ	204.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

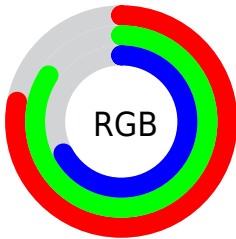
Format	Color
RYB	171, 214, 187
Decimal	13031083
CIELab	83.46, -12.86, 19.47
CIELCh	83, 23.333, 123.440
Yxy	63.0392, 0.3304, 0.3808
Android (android.graphics.Color)	4291221163 (0xFFC6D6AB)
YUV	204.3140, -16.4238, -5.5374
Hunter-Lab	79.3972, -16.0007, 19.8732

Details

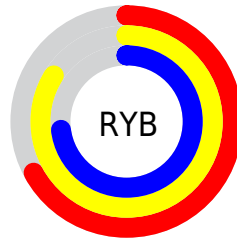
The XYZ color **54.6860, 63.0392, 47.8136** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.1965, 44.5474, 69.7327**, and the grayscale version is **57.6934, 60.6979, 66.1001**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **27.2295, 32.0575, 22.2053** is the 20% darker color. If you saturate the color by 10%, you get **50.7651, 61.2367, 37.8304**, and if you desaturate by 10%, it is **59.0509, 65.0362, 59.5442**.

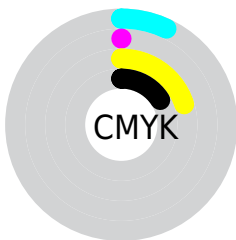
Distribution



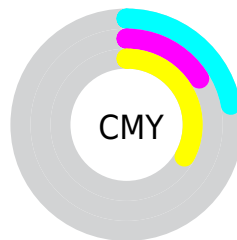
- Red (78%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6860, 63.0392, 47.8136 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 54.6860, 63.0392, 47.8136 by changing the saturation by 10% instead.

■ 54.6860, 63.0392,
47.8136

■ 54.6860, 63.0392,
47.8136

394.8764,
435.7117, 394.5402

■ 39.3832, 45.8729,
33.3204

■ 96.2318, 109.2261,
88.2895

■ 27.2400, 32.1456,
22.0988

123.2054,
139.0154, 115.1092

■ 17.8911, 21.4727,
13.7305

154.8001,
173.7813, 146.8748

■ 10.9711, 13.4700,
7.7969

191.3812,
213.9080, 184.0048

■ 6.1145, 7.7530,
3.8794

233.3140,
259.7801, 226.9178

■ 2.9562, 3.9373,
1.5594

280.9639,

■ 1.1306, 1.6385,

311.7818, 276.0324

0.2616

334.6962,
370.2975, 331.7670

0.0505, 0.3834,
0.0000

0.0000, 0.0000,
0.0000

54.6860, 63.0392,
47.8136

54.6860, 63.0392,
47.8136

50.7651, 61.2367,
37.8304

59.0509, 65.0362,
59.5442

47.2658, 59.6134,
29.5068

63.8714, 67.2263,
73.0960

44.1707, 58.1641,
22.7536

69.1645, 69.6186,
88.5438

41.4594, 56.8804,
17.4717

74.6857, 72.1154,
104.5910

■ 39.1090, 55.7531,
13.5505

■ 77.2984, 73.4623,
104.7133

■ 37.0937, 54.7716,
10.8640

■ 80.0295, 74.8702,
104.8411

■ 35.3833, 53.9235,
9.2625

■ 82.8803, 76.3398,
104.9745

■ 33.9369, 53.1937,
8.4788

■ 83.3379, 76.5757,
104.9960

Harmonies

Analogous

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



59.3318, 63.0392, 44.2986



54.6860, 63.0392, 47.8136



51.5855, 63.0392, 56.8582

Triad

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



54.6860, 63.0392, 47.8136



55.6482, 63.0392, 96.8730



70.2222, 63.0392, 66.9716

Complementary

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



54.6860, 63.0392, 47.8136



47.1965, 44.5474, 69.7327

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.



69.1001, 63.0392, 81.9441



54.6860, 63.0392, 47.8136



60.5058, 63.0392, 100.5760

Square

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



54.6860, 63.0392, 47.8136



52.1186, 63.0392, 85.2647



65.4711, 63.0392, 94.7732



68.4566, 63.0392, 54.3284

Rectangle

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



54.6860, 63.0392, 47.8136



50.7141, 63.0392, 65.4876



65.4711, 63.0392, 94.7732



70.1706, 63.0392, 71.8898

Sweetspot

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



54.6877, 63.0420, 47.8150



90.6197, 97.9895, 96.3423



52.8054, 52.6803, 45.9142



19.2964, 20.9283, 20.3418



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.



54.6877, 63.0420, 47.8150



78.8265, 92.5993, 64.6401



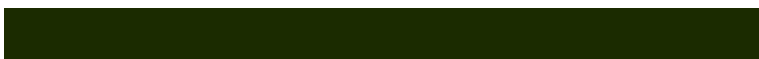
49.4700, 60.3522, 47.5708



13.0041, 14.2783, 13.2313



20.6300, 32.2115, 5.1301



1.3344, 1.9893, 0.3136

Inverse Universe

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



47.1965, 44.5474, 69.7327



65.7868, 60.4015, 102.7991



52.7903, 47.4311, 69.9945



12.1749, 12.2315, 15.6568



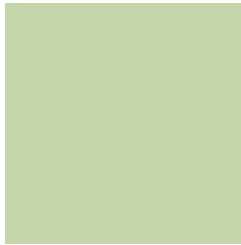
9.4238, 4.0106, 38.7306



0.6585, 0.2883, 2.3403

Previews

White Background



This preview shows how the XYZ color 54.6860, 63.0392, 47.8136 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 54.6860, 63.0392, 47.8136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

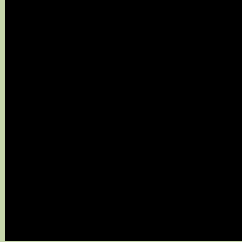
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6860, 63.0392, 47.8136

Background



This preview shows how black text looks on a background with the XYZ color 54.6860, 63.0392, 47.8136.



This preview shows how white text looks on a background with the XYZ color 54.6860, 63.0392,

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

54.6860, 63.0392, 47.8136

Protanopia

58.8959, 62.6684, 46.0379

Deuteranopia

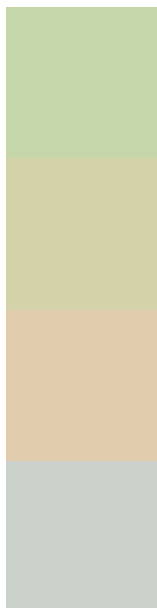
64.2294, 62.8898, 48.7981



Tritanopia

61.0857, 63.0752, 78.7672

Trichromacy



Original Color

54.6860, 63.0392, 47.8136

Protanomaly

57.3594, 62.9548, 46.6644

Deuteranomaly

60.4255, 62.6873, 48.4503

Tritanomaly

58.5743, 63.1493, 66.2286

Monochromacy



Original Color

54.6860, 63.0392, 47.8136

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.4274, 61.4741, 58.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6860, 63.0392, 47.8136 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(198, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 214, 171)  
}
```

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(198, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 214, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.6860, 63.0392, 47.8136 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(198, 214, 171) }
```


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

```
.border{ border-color:rgb(198, 214, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 214, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 214, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 214, 171); box-shadow:4px 4px 4px 4px rgb(198, 214, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6860, 63.0392, 47.8136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 214, 171) }
```

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

```
.background{ background-color: rgb(198,  
214, 171) }
```

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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