

Converting Colors

XYZ(54.0360, 65.3344, 47.7860)

Have a look what the booklet for
XYZ(54.0360, 65.3344, 47.7860)
contains.

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Color

**XYZ(54.0984, 65.4340,
47.8089)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDA4
RGB	189, 221, 170
RGB Percent	74%, 87%, 67%
CMY	0.2588, 0.1333, 0.3333
CMYK	0.14, 0.00, 0.23, 0.13
HSL	98°, 43%, 77%
HSV	98°, 23%, 87%
XYZ	54.0984, 65.4340, 47.8089
YIQ	205.6180, -2.7010, -22.6450

Conversions

Conversions Part 2

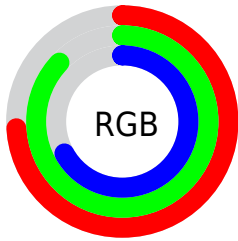
Format	Color
RYB	170, 221, 202
Decimal	12443050
CIELab	84.71, -19.71, 21.62
CIELCh	85, 29.259, 132.360
Yxy	65.4340, 0.3233, 0.3910
Android (android.graphics.Color)	4290633130 (0xFFBDDDA)
YUV	205.6180, -17.5597, -14.5740
Hunter-Lab	80.8913, -22.1827, 21.5819

Details

The XYZ color **54.0984, 65.4340, 47.8089** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **51.7857, 46.5283, 74.6616**, and the grayscale version is **58.5334, 61.5817, 67.0624**.

A 20% lighter version of the original color is **87.3566, 96.5491, 85.2658**, and **26.8979, 33.7313, 22.2327** is the 20% darker color. If you saturate the color by 10%, you get **48.9043, 62.9799, 37.5549**, and if you desaturate by 10%, it is **59.9764, 68.2040, 59.9322**.

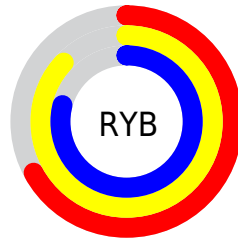
Distribution



Red (74%)

Green (87%)

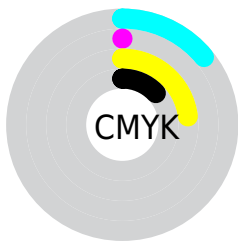
Blue (67%)



Red (67%)

Yellow (87%)

Blue (79%)

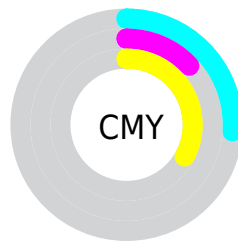


Cyan (14%)

Magenta (0%)

Yellow (23%)

Black (13%)



Cyan (26%)

Magenta (13%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0984, 65.4340, 47.8089 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 54.0984, 65.4340, 47.8089 by changing the saturation by 10% instead.

■ 54.0984, 65.4340,
47.8089

■ 54.0984, 65.4340,
47.8089

392.6774,
444.3499, 394.5210

■ 38.9113, 47.8131,
33.3167

■ 95.3748, 112.6736,
88.2824

■ 26.8712, 33.6789,
22.0960

122.1947,
143.0610, 115.1007

■ 17.6126, 22.6470,
13.7285

153.6231,
178.4728, 146.8648

■ 10.7702, 14.3331,
7.7955

190.0251,
219.2933, 183.9933

■ 5.9787, 8.3527,
3.8785

231.7662,
265.9068, 226.9046

■ 2.8727, 4.3215,
1.5589

279.2117,

■ 1.0868, 1.8550,

318.6978, 276.0172

0.2612

332.7270,
378.0507, 331.7499

■ 0.0140, 0.5211,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0984, 65.4340,
47.8089

■ 54.0984, 65.4340,
47.8089

■ 48.9043, 62.9799,
37.5549

■ 59.9764, 68.2040,
59.9322

■ 44.3622, 60.8214,
29.0729

■ 66.5584, 71.2924,
74.0071

■ 40.4452, 58.9488,
22.2636

■ 73.8698, 74.7126,
90.1158

■ 37.1222, 57.3484,
17.0158

■ 81.3802, 78.2533,
105.4229

■ 34.3590, 56.0054,
13.2051

■ 85.1478, 80.1956,
105.5993

■ 32.1173, 54.9032,
10.6879

■ 30.3523, 54.0224,
9.2908

■ 29.3658, 53.5240,
8.7834

Harmonies

Analogous

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



59.5397, 65.4340, 41.5376



54.0984, 65.4340, 47.8089



50.9616, 65.4340, 60.8800

Triad

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



54.0984, 65.4340, 47.8089



58.4594, 65.4340, 111.3771



75.3043, 65.4340, 63.8115

Complementary

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



54.0984, 65.4340, 47.8089



51.7857, 46.5283, 74.6616

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.



74.9642, 65.4340, 82.7277



54.0984, 65.4340, 47.8089



64.9241, 65.4340, 112.5377

Square

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



54.0984, 65.4340, 47.8089



53.3554, 65.4340, 98.3741



71.0574, 65.4340, 101.3118



71.9564, 65.4340, 49.6296

Rectangle

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



54.0984, 65.4340, 47.8089



50.4548, 65.4340, 72.7401



71.0574, 65.4340, 101.3118



75.6238, 65.4340, 69.7735

Sweetspot

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



54.1001, 65.4368, 47.8103



88.3066, 96.8404, 94.2735



58.0688, 60.2605, 46.6020



18.7818, 20.6718, 19.9224



0.0000, 0.0000, 0.0000



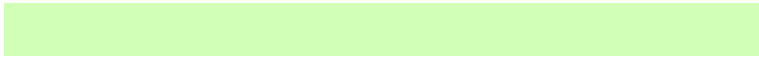
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1001, 65.4368, 47.8103



71.0043, 88.6945, 58.5053



50.2675, 63.3945, 50.6365



13.3425, 14.8413, 13.8870



17.1735, 31.1507, 5.1076



1.2060, 2.0663, 0.3353

Inverse Universe

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



51.7857, 46.5283, 74.6616



67.2305, 57.8950, 102.2392



56.4682, 49.0322, 70.8148



13.1198, 13.0199, 16.4737



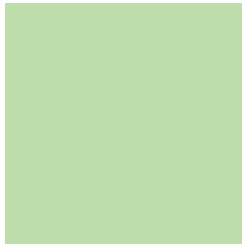
13.8646, 6.2717, 40.2182



0.9923, 0.4548, 2.6099

Previews

White Background



This preview shows how the XYZ color 54.0984, 65.4340, 47.8089 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 54.0984, 65.4340, 47.8089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

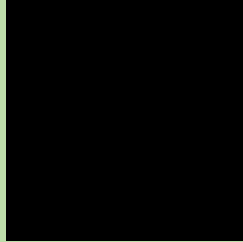
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0984, 65.4340, 47.8089

Background



This preview shows how black text looks on a background with the XYZ color 54.0984, 65.4340, 47.8089.



This preview shows how white text looks on a background with the XYZ color 54.0984, 65.4340,

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

54.0984, 65.4340, 47.8089

Protanopia

61.1371, 65.3127, 44.9816

Deuteranopia

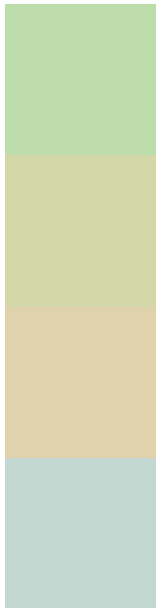
66.3041, 65.0010, 49.0962



Tritanopia

61.3659, 65.3074, 84.2342

Trichromacy



Original Color

54.0984, 65.4340, 47.8089

Protanomaly

58.4269, 65.3879, 46.1009

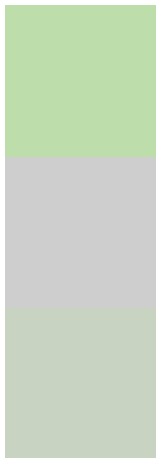
Deuteranomaly

61.3299, 64.9576, 48.8408

Tritanomaly

58.4467, 65.2679, 69.1920

Monochromacy



Original Color

54.0984, 65.4340, 47.8089

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.7393, 62.7181, 59.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0984, 65.4340, 47.8089 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(189, 221, 170)` looks like.

```
.text, #text, p{  
    color:rgb(189, 221, 170)  
}
```

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(189, 221, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 221, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.0984, 65.4340, 47.8089 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(189, 221, 170) }
```


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

```
.border{ border-color:rgb(189, 221, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 221, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 221, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 221, 170);  
box-shadow:4px 4px 4px 4px rgb(189, 221,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0984, 65.4340, 47.8089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 221, 170) }
```

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

```
.background{ background-color: rgb(189,  
221, 170) }
```

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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