

Converting Colors

XYZ(46.0940, 50.7748, 35.0935)

Have a look what the booklet for
XYZ(46.0940, 50.7748, 35.0935)
contains.

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Color

**XYZ(46.1454, 50.8375,
34.9843)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BF93
RGB	194, 191, 147
RGB Percent	76%, 75%, 58%
CMY	0.2392, 0.2510, 0.4235
CMYK	0.00, 0.02, 0.24, 0.24
HSL	56°, 28%, 67%
HSV	56°, 24%, 76%
XYZ	46.1454, 50.8375, 34.9843
YIQ	186.8810, 15.9120, -13.0480

Conversions

Conversions Part 2

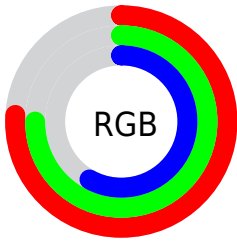
Format	Color
RYB	150, 194, 147
Decimal	12763027
CIELab	76.58, -6.08, 22.64
CIELCh	77, 23.440, 105.027
Yxy	50.8375, 0.3497, 0.3852
Android (android.graphics.Color)	4290953107 (0xFFC2BF93)
YUV	186.8810, -19.6613, 6.2434
Hunter-Lab	71.3004, -9.2511, 20.8190

Details

The XYZ color **46.1454, 50.8375, 34.9843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6765, 31.9101, 55.4762**, and the grayscale version is **47.2691, 49.7308, 54.1569**.

A 20% lighter version of the original color is **83.5870, 91.2478, 68.4654**, and **22.0150, 24.5969, 14.6537** is the 20% darker color. If you saturate the color by 10%, you get **44.4817, 49.7441, 27.5421**, and if you desaturate by 10%, it is **48.0708, 52.0427, 43.7816**.

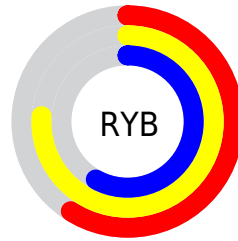
Distribution



Red (76%)

Green (75%)

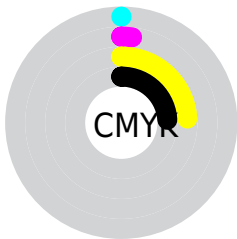
Blue (58%)



Red (59%)

Yellow (76%)

Blue (58%)

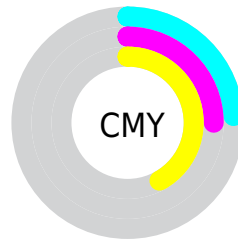


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1454, 50.8375, 34.9843 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 46.1454, 50.8375, 34.9843 by changing the saturation by 10% instead.

■ 46.1454, 50.8375,
34.9843

■ 46.1454, 50.8375,
34.9843

362.0990,
389.9321, 339.4012

■ 32.5657, 36.0793,
23.3673

■ 83.6631, 91.4145,
68.6127

■ 21.9516, 24.4954,
14.6571

■ 108.3318,
118.0021, 91.4613

■ 13.9377, 15.7015,
8.4352

137.4275,
149.3017, 118.8908

■ 8.1588, 9.3132,
4.2829

171.3156,
185.6975, 151.3197

■ 4.2494, 4.9460,
1.7818

210.3615,
227.5741, 189.1667

■ 1.8442, 2.2156,
0.4159

254.9304,

■ 0.5441, 0.7285,

275.3158, 232.8503

0.0000

305.3878,
329.3070, 282.7889

■ 0.0000, 0.0000,
0.0000

■ 46.1454, 50.8375,
34.9843

■ 46.1454, 50.8375,
34.9843

■ 44.4817, 49.7441,
27.5421

■ 48.0708, 52.0427,
43.7816

■ 43.0628, 48.7505,
21.3839

■ 50.2659, 53.3577,
53.9938

■ 41.8762, 47.8535,
16.4371

■ 52.7432, 54.7893,
65.6810

■ 40.9063, 47.0467,
12.6208

■ 55.5134, 56.3416,
78.8990

■ 40.1359, 46.3234,
9.8437

■ 58.5865, 58.0188,
93.7005

■ 39.5450, 45.6755,
8.0010

■ 60.5893, 59.2716,
102.8549

■ 39.1094, 45.0933,
6.9653

■ 60.8739, 59.8407,
102.9498

■ 38.9017, 44.7762,
6.5923

■ 61.1608, 60.4146,
103.0454

■ 61.4500, 60.9930,
103.1418

Harmonies

Analogous

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



50.5530, 50.8375, 34.9800



46.1454, 50.8375, 34.9843



42.5428, 50.8375, 39.8454

Triad

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



46.1454, 50.8375, 34.9843



42.5480, 50.8375, 74.4585



57.0206, 50.8375, 61.8958

Complementary

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



46.1454, 50.8375, 34.9843



32.6765, 31.9101, 55.4762

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.



54.5968, 50.8375, 74.4389



46.1454, 50.8375, 34.9843



46.1528, 50.8375, 82.4104

Square

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



46.1454, 50.8375, 34.9843



40.5538, 50.8375, 61.9195



50.5609, 50.8375, 82.4028



57.0183, 50.8375, 49.2687

Rectangle

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



46.1454, 50.8375, 34.9843



41.0047, 50.8375, 45.6832



50.5609, 50.8375, 82.4028



56.4563, 50.8375, 66.3002

Sweetspot

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



46.1467, 50.8398, 34.9854



89.8698, 95.9617, 92.2154



38.1981, 34.5438, 33.5656



19.6256, 20.9819, 19.9378



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.



46.1467, 50.8398, 34.9854



81.9700, 91.0459, 56.0283



41.9327, 49.6471, 34.9773



10.8567, 11.6448, 10.7373



25.5995, 29.4848, 4.3419



1.1230, 1.3077, 0.1932

Inverse Universe

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



32.6765, 31.9101, 55.4762



53.4088, 50.9109, 99.4816



36.1858, 33.0187, 55.5052



9.5787, 9.8487, 12.6810



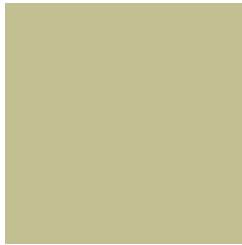
6.5133, 2.7832, 33.7505



0.2996, 0.1565, 1.4643

Previews

White Background



This preview shows how the XYZ color 46.1454, 50.8375, 34.9843 looks on a white background.

Color Contrast Check

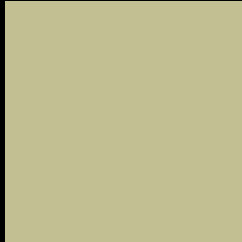
Large Text (above 18pt) WCAG AA × Fail

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 46.1454, 50.8375, 34.9843 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

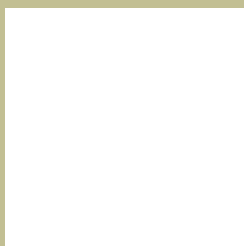
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1454, 50.8375, 34.9843

Background



This preview shows how black text looks on a background with the XYZ color 46.1454, 50.8375, 34.9843.



This preview shows how white text looks on a background with the XYZ color 46.1454, 50.8375,

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

46.1454, 50.8375, 34.9843

Protanopia

47.7430, 51.0271, 34.5270

Deuteranopia

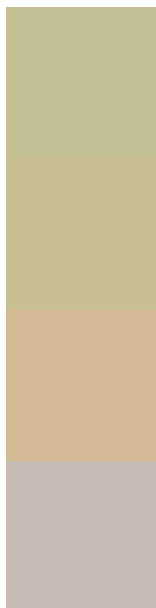
51.7675, 50.5898, 35.4701



Tritanopia

51.5367, 50.8220, 61.1262

Trichromacy



Original Color

46.1454, 50.8375, 34.9843

Protanomaly

47.1550, 51.0443, 34.5613

Deuteranomaly

49.5582, 50.6849, 35.1881

Tritanomaly

49.2972, 50.8417, 50.3952

Monochromacy



Original Color

46.1454, 50.8375, 34.9843

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.6648, 49.8921, 46.2004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1454, 50.8375, 34.9843 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, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 147)  
}
```

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, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 147) }
```

Border

The CSS property to change the border of an element to XYZ 46.1454, 50.8375, 34.9843 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, 191, 147) }
```


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

```
.border{ border-color:rgb(194, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1454, 50.8375, 34.9843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 147) }
```

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

```
.background{ background-color: rgb(194,  
191, 147) }
```

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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