

Converting Colors

XYZ(46.0904, 52.0567, 35.2228)

Have a look what the booklet for
XYZ(46.0904, 52.0567, 35.2228)
contains.

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Color

**XYZ(46.0168, 52.0839,
35.2316)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | BEC393 |
| RGB | 190, 195, 147 |
| RGB Percent | 75%, 76%, 58% |
| CMY | 0.2549, 0.2353, 0.4235 |
| CMYK | 0.03, 0.00, 0.25, 0.24 |
| HSL | 66°, 29%, 67% |
| HSV | 66°, 25%, 76% |
| XYZ | 46.0168, 52.0839, 35.2316 |
| YIQ | 188.0330, 12.4280, -15.9880 |

Conversions

Conversions Part 2

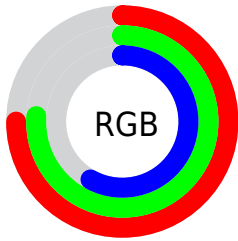
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 147, 195, 152 |
| Decimal | 12501907 |
| CIELab | 77.33, -9.68, 23.61 |
| CIELCh | 77, 25.517, 112.288 |
| Yxy | 52.0839, 0.3451, 0.3906 |
| Android (android.graphics.Color) | 4290691987 (0xFFBEC393) |
| YUV | 188.0330, -20.2293, 1.7251 |
| Hunter-Lab | 72.1692, -12.4802, 21.5742 |

Details

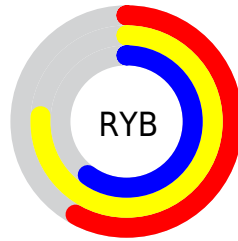
The XYZ color **46.0168, 52.0839, 35.2316** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.2348, 31.4843, 55.9580**, and the grayscale version is **47.9262, 50.4221, 54.9097**.

A 20% lighter version of the original color is **83.7108, 93.6120, 68.9152**, and **21.7895, 25.1285, 14.7682** is the 20% darker color. If you saturate the color by 10%, you get **44.1108, 51.2650, 27.8206**, and if you desaturate by 10%, it is **48.1920, 53.0148, 44.0113**.

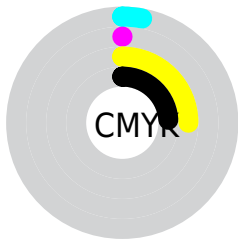
Distribution



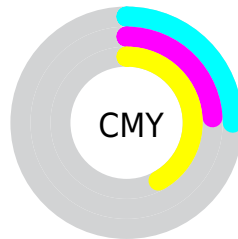
- Red (75%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0168, 52.0839, 35.2316 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 46.0168, 52.0839, 35.2316 by changing the saturation by 10% instead.

■ 46.0168, 52.0839,
35.2316

■ 46.0168, 52.0839,
35.2316

361.5910,
394.7604, 340.5247

■ 32.4638, 37.0720,
23.5564

■ 83.4718, 93.2550,
69.0000

■ 21.8732, 25.2632,
14.7957

■ 108.1046,
120.1829, 91.9303

■ 13.8799, 16.2733,
8.5311

137.1612,
151.8516, 119.4493

■ 8.1183, 9.7177,
4.3440

171.0072,
188.6454, 151.9756

■ 4.2232, 5.2122,
1.8159

210.0078,
230.9488, 189.9278

■ 1.8292, 2.3723,
0.4384

254.5284,

■ 0.5351, 0.8116,

279.1462, 233.7243

0.0000

304.9343,
333.6219, 283.7838

■ 0.0000, 0.0000,
0.0000

■ 46.0168, 52.0839,
35.2316

■ 46.0168, 52.0839,
35.2316

■ 44.1108, 51.2650,
27.8206

■ 48.1920, 53.0148,
44.0113

■ 42.4569, 50.5460,
21.7062

■ 50.6445, 54.0557,
54.2204

■ 41.0422, 49.9235,
16.8146


■ 53.3872, 55.2135,
65.9200


■ 39.8509, 49.3912,
13.0633


■ 56.4308, 56.4925,
79.1667


■ 38.8655, 48.9420,
10.3596


■ 59.7854, 57.8967,
94.0140


 38.0656, 48.5679,
8.5965


 61.9768, 58.8365,
102.6978

 37.4265, 48.2588,
7.6439

 62.5312, 59.1223,
102.7237

 37.1229, 48.1089,
7.3294

 63.0929, 59.4118,
102.7500

 63.6619, 59.7052,
102.7766

Harmonies

Analogous

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



50.7790, 52.0839, 33.9574



46.0168, 52.0839, 35.2316



42.4198, 52.0839, 41.7573

Triad

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



46.0168, 52.0839, 35.2316



43.9628, 52.0839, 80.8419



59.4379, 52.0839, 60.4083

Complementary

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



46.0168, 52.0839, 35.2316



33.2348, 31.4843, 55.9580

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.



57.3364, 52.0839, 74.8651



46.0168, 52.0839, 35.2316



48.2508, 52.0839, 87.8654

Square

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



46.0168, 52.0839, 35.2316



41.2896, 52.0839, 67.5700



53.1635, 52.0839, 85.5146



58.7419, 52.0839, 47.0817

Rectangle

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



46.0168, 52.0839, 35.2316



41.0621, 52.0839, 48.8926



53.1635, 52.0839, 85.5146



59.0307, 52.0839, 65.3203

Sweetspot

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



46.0181, 52.0862, 35.2327



89.5578, 96.3256, 92.3021



38.9696, 36.1016, 32.5189



19.5514, 21.0685, 19.9584



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.



46.0181, 52.0862, 35.2327



80.3605, 92.3993, 55.0456



40.5512, 49.2679, 34.9769



10.8066, 11.7033, 10.7513



24.1685, 31.2882, 4.7654



1.0746, 1.3675, 0.2073

Inverse Universe

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



33.2348, 31.4843, 55.9580



53.2216, 48.6545, 99.0560



38.1450, 34.0155, 56.1878



9.6236, 9.7971, 12.6686



6.6289, 2.6777, 33.7241



0.3199, 0.1329, 1.4587

Previews

White Background



This preview shows how the XYZ color 46.0168, 52.0839, 35.2316 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 46.0168, 52.0839, 35.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

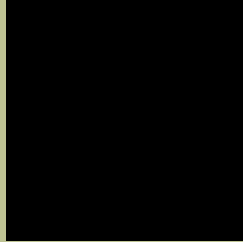
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.0168, 52.0839, 35.2316

Background



This preview shows how black text looks on a background with the XYZ color 46.0168, 52.0839, 35.2316.



This preview shows how white text looks on a background with the XYZ color 46.0168, 52.0839,

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

46.0168, 52.0839, 35.2316

Protanopia

48.6435, 52.1433, 34.2889

Deuteranopia

52.7897, 51.7249, 35.6354



Tritanopia

51.6698, 52.1010, 63.2103

Trichromacy



Original Color

46.0168, 52.0839, 35.2316

Protanomaly

47.5911, 51.9167, 34.7067

Deuteranomaly

49.9796, 51.5276, 35.3286

Tritanomaly

49.3224, 52.1083, 51.7143

Monochromacy



Original Color

46.0168, 52.0839, 35.2316

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.1599, 51.0976, 46.9124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0168, 52.0839, 35.2316 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(190, 195, 147)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 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(190, 195, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 147) }
```

Border

The CSS property to change the border of an element to XYZ 46.0168, 52.0839, 35.2316 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(190, 195, 147) }
```


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

```
.border{ border-color:rgb(190, 195, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 147);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0168, 52.0839, 35.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 147) }
```

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

```
.background{ background-color: rgb(190,  
195, 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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