

Converting Colors

XYZ(43.1839, 46.1648, 35.0684)

Have a look what the booklet for
XYZ(43.1839, 46.1648, 35.0684)
contains.

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Color

**XYZ(43.1839, 46.1648,
35.0684)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB595
RGB	190, 181, 149
RGB Percent	75%, 71%, 58%
CMY	0.2549, 0.2902, 0.4157
CMYK	0.00, 0.05, 0.22, 0.25
HSL	47°, 24%, 66%
HSV	47°, 22%, 75%
XYZ	43.1839, 46.1648, 35.0684
YIQ	180.0430, 15.6360, -8.0440

Conversions

Conversions Part 2

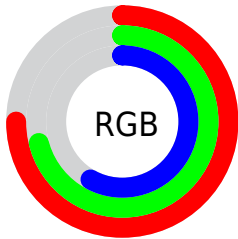
Format	Color
R_{YB}	161, 190, 149
Decimal	12498325
CIE _{Lab}	73.65, -2.05, 17.48
CIE _{LCh}	74, 17.600, 96.686
Yxy	46.1648, 0.3471, 0.3710
Android (android.graphics.Color)	4290688405 (0xFFBEB595)
YUV	180.0430, -15.3042, 8.7323
Hunter-Lab	67.9447, -5.4532, 16.9598

Details

The XYZ color **43.1839, 46.1648, 35.0684** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9154, 34.5602, 53.5988**, and the grayscale version is **43.4802, 45.7446, 49.8158**.

A 20% lighter version of the original color is **79.4215, 84.6543, 68.6539**, and **20.0771, 21.5544, 14.6575** is the 20% darker color. If you saturate the color by 10%, you get **40.9544, 43.9384, 27.4420**, and if you desaturate by 10%, it is **45.6887, 48.5451, 44.0086**.

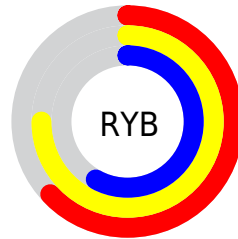
Distribution



Red (75%)

Green (71%)

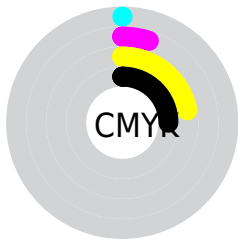
Blue (58%)



Red (63%)

Yellow (75%)

Blue (58%)

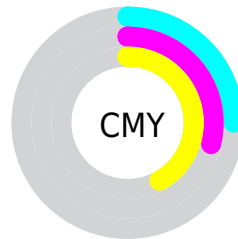


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1839, 46.1648, 35.0684 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 43.1839, 46.1648, 35.0684 by changing the saturation by 10% instead.


 43.1839, 46.1648,
35.0684

 43.1839, 46.1648,
35.0684


350.2762,
371.4708, 339.7836

 30.2246, 32.3759,
23.4316


 79.2423, 84.4656,
68.7445

 20.1580, 21.6488,
14.7042


 103.0721,
109.7462, 91.6209

 12.6189, 13.5990,
8.4678


131.2560,
139.6263, 119.0808

 7.2418, 7.8423,
4.3037

164.1595,
174.4901, 151.5429

 3.6615, 3.9942,
1.7934

202.1480,
214.7220, 189.4257

 1.5125, 1.6703,
0.4236

245.5866,

 0.3343, 0.4043,

260.7065, 233.1477

0.0000

294.8409,
312.8280, 283.1275

■ 0.0000, 0.0000,
0.0000

■ 43.1839, 46.1648,
35.0684

■ 43.1839, 46.1648,
35.0684

■ 40.9544, 43.9384,
27.4420

■ 45.6887, 48.5451,
44.0086

■ 38.9844, 41.8545,
21.0633

■ 48.4765, 51.0779,
54.3186

■ 37.2619, 39.9095,
15.8649

■ 51.5594, 53.7700,
66.0547

■ 35.7724, 38.0971,
11.7716

■ 54.9473, 56.6257,
79.2692

■ 34.4998, 36.4108,
8.6998

■ 58.6499, 59.6493,
94.0116

■ 33.4257, 34.8426,
6.5538

■ 61.3610, 62.3186,
103.4024

■ 32.5283, 33.3835,
5.2195

■ 62.3782, 64.3528,
103.7414

■ 31.8742, 32.2249,
4.5401

■ 63.4221, 66.4407,
104.0894

■ 64.4931, 68.5827,
104.4464

Harmonies

Analogous

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



46.2940, 46.1648, 36.0890



43.1839, 46.1648, 35.0684



40.3931, 46.1648, 37.7158

Triad

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



43.1839, 46.1648, 35.0684



39.2441, 46.1648, 61.2370



49.6174, 46.1648, 57.3716

Complementary

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



43.1839, 46.1648, 35.0684



33.9154, 34.5602, 53.5988

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.



47.5583, 46.1648, 65.3298



43.1839, 46.1648, 35.0684



41.5481, 46.1648, 67.7397

Square

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



43.1839, 46.1648, 35.0684



38.1891, 46.1648, 52.2914



44.5800, 46.1648, 69.3197



50.1061, 46.1648, 48.2928

Rectangle

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



43.1839, 46.1648, 35.0684



39.0565, 46.1648, 41.4130



44.5800, 46.1648, 69.3197



49.0814, 46.1648, 60.2976

Sweetspot

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



43.1851, 46.1669, 35.0694



85.4981, 90.4508, 89.6761



38.2036, 34.9308, 37.3334



18.7012, 19.7955, 19.4204



92.9021, 97.7402, 106.4391



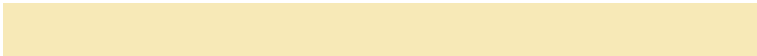
19.4759, 20.4902, 22.3138

Same Dimension

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



43.1851, 46.1669, 35.0694



76.2393, 81.6717, 56.5670



42.4445, 48.5889, 35.5759



10.1398, 10.7556, 10.1183



21.2542, 21.5472, 3.0388



0.8774, 0.9337, 0.1340

Inverse Universe

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



33.9154, 34.5602, 53.5988



56.3806, 56.8097, 96.2729



34.5261, 32.6799, 53.2037



9.1817, 9.5558, 12.0327



6.7721, 3.6559, 32.7416



0.3150, 0.2426, 1.2991

Previews

White Background



This preview shows how the XYZ color 43.1839, 46.1648, 35.0684 looks on a white background.

Color Contrast Check

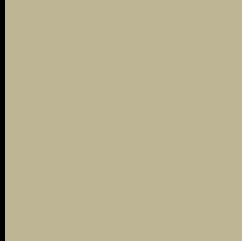
Large Text (above 18pt) WCAG AA × Fail

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 43.1839, 46.1648, 35.0684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

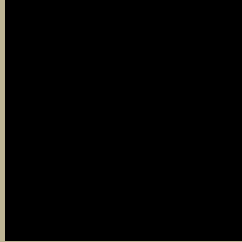
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1839, 46.1648, 35.0684

Background



This preview shows how black text looks on a background with the XYZ color 43.1839, 46.1648, 35.0684.



This preview shows how white text looks on a background with the XYZ color 43.1839, 46.1648,

35.0684.

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

43.1839, 46.1648, 35.0684

Protanopia

43.4345, 46.2940, 35.0802

Deuteranopia

46.9356, 46.0294, 35.2650



Tritanopia

47.0210, 45.9362, 54.5324

Trichromacy



Original Color

43.1839, 46.1648, 35.0684

Protanomaly

43.4345, 46.2940, 35.0802

Deuteranomaly

45.5843, 46.2028, 35.3697

Tritanomaly

45.3544, 45.8377, 46.5015

Monochromacy



Original Color

43.1839, 46.1648, 35.0684

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.2499, 45.6974, 44.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1839, 46.1648, 35.0684 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, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 149)  
}
```

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, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 149) }
```

Border

The CSS property to change the border of an element to XYZ 43.1839, 46.1648, 35.0684 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, 181, 149) }
```


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

```
.border{ border-color:rgb(190, 181, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1839, 46.1648, 35.0684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 149) }
```

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

```
.background{ background-color: rgb(190,  
181, 149) }
```

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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