

Converting Colors

XYZ(44.0896, 46.0985, 41.2684)

Have a look what the booklet for
XYZ(44.0896, 46.0985, 41.2684)
contains.

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Color

**XYZ(44.1673, 46.2340,
41.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB4A3
RGB	190, 180, 163
RGB Percent	75%, 71%, 64%
CMY	0.2549, 0.2941, 0.3608
CMYK	0.00, 0.05, 0.14, 0.25
HSL	38°, 17%, 69%
HSV	38°, 14%, 75%
XYZ	44.1673, 46.2340, 41.2465
YIQ	181.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

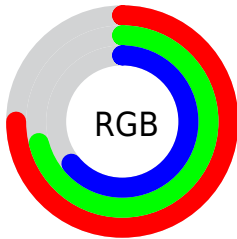
Format	Color
RYB	179, 190, 163
Decimal	12498083
CIELab	73.70, 0.65, 9.94
CIELCh	74, 9.959, 86.237
Yxy	46.2340, 0.3355, 0.3512
Android (android.graphics.Color)	4290688163 (0xFFBEB4A3)
YUV	181.0520, -8.8996, 7.8474
Hunter-Lab	67.9956, -3.0456, 11.6313

Details

The XYZ color **44.1673, 46.2340, 41.2465** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.3419, 41.3905, 54.6312**, and the grayscale version is **43.9924, 46.2834, 50.4027**.

A 20% lighter version of the original color is **80.6564, 84.6457, 78.4169**, and **20.6120, 21.5607, 18.1142** is the 20% darker color. If you saturate the color by 10%, you get **41.2074, 42.8367, 32.4825**, and if you desaturate by 10%, it is **47.4576, 49.8819, 51.3836**.

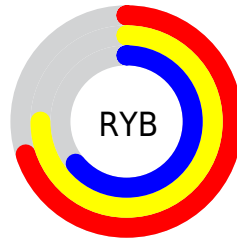
Distribution



Red (75%)

Green (71%)

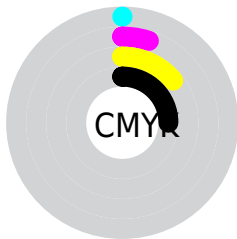
Blue (64%)



Red (70%)

Yellow (75%)

Blue (64%)

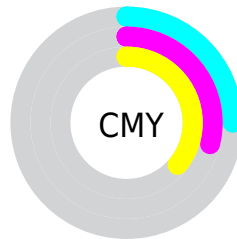


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (25%)



Cyan (25%)

Magenta (29%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1673, 46.2340, 41.2465 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 44.1673, 46.2340, 41.2465 by changing the saturation by 10% instead.

■ 44.1673, 46.2340,
41.2465

■ 44.1673, 46.2340,
41.2465

354.2312,
371.7486, 367.0569

■ 31.0005, 32.4305,
28.1906

■ 80.7142, 84.5691,
78.3157

■ 20.7511, 21.6905,
18.2291

■ 104.8251,
109.8695, 103.1660

■ 13.0536, 13.6297,
10.9434

133.3147,
139.7710, 132.7850

■ 7.5427, 7.8636,
5.9151

166.5484,
174.6579, 167.5910

■ 3.8531, 4.0078,
2.7256

204.8915,
214.9148, 208.0026

■ 1.6194, 1.6779,
0.9563

248.7095,

■ 0.4050, 0.4093,

260.9259, 254.4385

0.0000

298.3676,
313.0757, 307.3171

■ 0.0000, 0.0000,
0.0000

■ 44.1673, 46.2340,
41.2465

■ 44.1673, 46.2340,
41.2465

■ 41.2074, 42.8367,
32.4825

■ 47.4576, 49.8819,
51.3836

■ 38.5617, 39.6771,
25.0285

■ 51.0863, 53.7806,
62.9474

■ 36.2182, 36.7503,
18.8206

■ 55.0656, 57.9382,
75.9921

■ 34.1624, 34.0488,
13.7886

■ 59.4061, 62.3604,
90.5683

■ 32.3787, 31.5644,
9.8550

■ 63.6308, 66.8581,
104.1589

■ 30.8494, 29.2882,
6.9331

■ 65.4627, 70.5219,
104.7696

■ 29.5544, 27.2103,
4.9228

■ 67.3726, 74.3417,
105.4062

■ 28.4696, 25.3191,
3.7032

■ 69.3614, 78.3193,
106.0691

■ 27.9106, 24.2978,
3.2189

■ 71.4300, 82.4565,
106.7587

Harmonies

Analogous

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



45.8585, 46.2340, 42.6807



44.1673, 46.2340, 41.2465



42.4598, 46.2340, 42.1115

Triad

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



44.1673, 46.2340, 41.2465



40.9678, 46.2340, 54.7641



46.8281, 46.2340, 55.9419

Complementary

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



44.1673, 46.2340, 41.2465



39.3419, 41.3905, 54.6312

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.



45.4625, 46.2340, 59.5783



44.1673, 46.2340, 41.2465



42.0836, 46.2340, 58.8669

Square

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



44.1673, 46.2340, 41.2465



40.6418, 46.2340, 49.7053



43.7215, 46.2340, 60.6827



47.4205, 46.2340, 50.9820

Rectangle

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



44.1673, 46.2340, 41.2465



41.5368, 46.2340, 43.9091



43.7215, 46.2340, 60.6827



46.4425, 46.2340, 57.3721

Sweetspot

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



44.1686, 46.2360, 41.2475



86.0907, 90.4921, 93.3998



41.9096, 40.1728, 45.2588



18.8001, 19.7570, 20.1818



92.9021, 97.7402, 106.4391



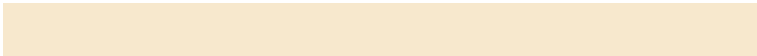
19.4759, 20.4902, 22.3138

Same Dimension

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



44.1686, 46.2360, 41.2475



78.3324, 81.8508, 69.6182



45.4816, 50.0175, 41.9082



10.0172, 10.5105, 10.0774



18.6360, 16.3107, 2.1661



0.7906, 0.7601, 0.1050

Inverse Universe

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



39.3419, 41.3905, 54.6312



67.9241, 71.4024, 98.4812



38.1494, 38.0359, 54.0465



9.2980, 9.7884, 12.0715



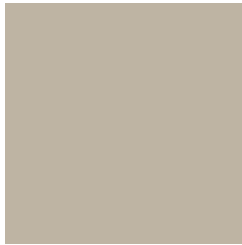
7.7202, 5.5522, 33.0577



0.3656, 0.3438, 1.3159

Previews

White Background



This preview shows how the XYZ color 44.1673, 46.2340, 41.2465 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 44.1673, 46.2340, 41.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

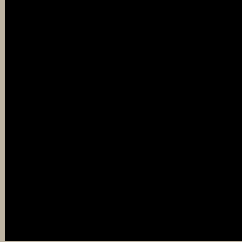
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1673, 46.2340, 41.2465

Background



This preview shows how black text looks on a background with the XYZ color 44.1673, 46.2340, 41.2465.



This preview shows how white text looks on a background with the XYZ color 44.1673, 46.2340,

41.2465.

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

44.1673, 46.2340, 41.2465

Protanopia

43.6712, 45.9782, 41.2233

Deuteranopia

47.2076, 46.3194, 41.5744



Tritanopia

47.0677, 46.2377, 55.1592

Trichromacy



Original Color

44.1673, 46.2340, 41.2465

Protanomaly

43.9184, 46.1057, 41.2349

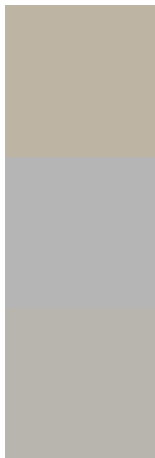
Deuteranomaly

46.2424, 46.4040, 41.6416

Tritanomaly

45.9527, 46.0770, 49.6518

Monochromacy



Original Color

44.1673, 46.2340, 41.2465

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.9310, 46.2941, 46.6646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1673, 46.2340, 41.2465 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, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 163)  
}
```

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, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 163) }
```

Border

The CSS property to change the border of an element to XYZ 44.1673, 46.2340, 41.2465 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, 180, 163) }
```


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

```
.border{ border-color:rgb(190, 180, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1673, 46.2340, 41.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 163) }
```

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

```
.background{ background-color: rgb(190,  
180, 163) }
```

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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