

Converting Colors

XYZ(40.1379, 44.5377, 30.6215)

Have a look what the booklet for
XYZ(40.1379, 44.5377, 30.6215)
contains.

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Color

**XYZ(40.1674, 44.7065,
30.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B58A
RGB	181, 181, 138
RGB Percent	71%, 71%, 54%
CMY	0.2902, 0.2902, 0.4588
CMYK	0.00, 0.00, 0.24, 0.29
HSL	60°, 23%, 63%
HSV	60°, 24%, 71%
XYZ	40.1674, 44.7065, 30.5569
YIQ	176.0980, 13.8030, -13.3730

Conversions

Conversions Part 2

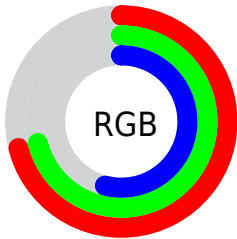
Format	Color
R _Y B	138, 181, 138
Decimal	11908490
CIE Lab	72.70, -7.10, 21.99
CIE LCh	73, 23.105, 107.905
Yxy	44.7065, 0.3480, 0.3873
Android (android.graphics.Color)	4290098570 (0xFFB5B58A)
YUV	176.0980, -18.7823, 4.2991
Hunter-Lab	66.8629, -9.7776, 19.7080

Details

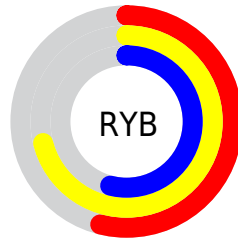
The XYZ color **40.1674, 44.7065, 30.5569** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.9119, 26.9176, 47.4431**, and the grayscale version is **41.4088, 43.5653, 47.4426**.

A 20% lighter version of the original color is **74.7237, 82.3787, 61.8315**, and **18.3827, 20.7321, 12.2653** is the 20% darker color. If you saturate the color by 10%, you get **38.9647, 44.2269, 24.2208**, and if you desaturate by 10%, it is **41.5908, 45.2774, 38.0452**.

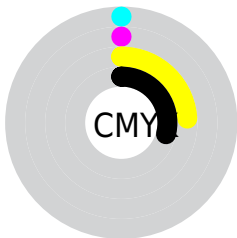
Distribution



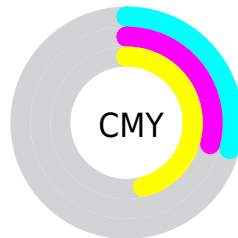
- Red (71%)
- Green (71%)
- Blue (54%)



- Red (54%)
- Yellow (71%)
- Blue (54%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.1674, 44.7065, 30.5569 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 40.1674, 44.7065, 30.5569 by changing the saturation by 10% instead.

■ 40.1674, 44.7065,
30.5569

■ 40.1674, 44.7065,
30.5569

337.9510,
365.5836, 318.7795

■ 27.8539, 31.2263,
20.0060

■ 74.7011, 82.2798,
61.6132

■ 18.3554, 20.7712,
12.2153

■ 97.6519, 107.1417,
82.9556

■ 11.3067, 12.9569,
6.7662

■ 124.8793,
136.5663, 108.7324

■ 6.3423, 7.3989,
3.2401

156.7485,
170.9380, 139.3620

■ 3.0970, 3.7128,
1.2185

193.6249,
210.6412, 175.2630

■ 1.2052, 1.5142,
0.0000

235.8739,

■ 0.1105, 0.2987,

256.0602, 216.8538

0.0000

283.8608,
307.5796, 264.5532

■ 0.0000, 0.0000,
0.0000

■ 40.1674, 44.7065,
30.5569

■ 40.1674, 44.7065,
30.5569

■ 38.9647, 44.2269,
24.2208

■ 41.5908, 45.2774,
38.0452

■ 37.9686, 43.8284,
18.9772

■ 43.2416, 45.9378,
46.7358

■ 37.1683, 43.5082,
14.7650

■ 45.1303, 46.6933,
56.6795

■ 36.5509, 43.2613,
11.5164

■ 47.2659, 47.5476,
67.9231

■ 36.1021, 43.0817,
9.1552

■ 49.6567, 48.5040,
80.5111

■ 35.8052, 42.9629,
7.5939

■ 52.3110, 49.5658,
94.4860

■ 35.6402, 42.8968,
6.7272

■ 53.6339, 50.0950,
101.4502

■ 35.5778, 42.8718,
6.3999

■ 53.6343, 50.0952,
101.4502

■ 53.6347, 50.0954,
101.4503

Harmonies

Analogous

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



44.1269, 44.7065, 30.1344



40.1674, 44.7065, 30.5569



37.0282, 44.7065, 35.3350

Triad

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



40.1674, 44.7065, 30.5569



37.5343, 44.7065, 66.9535



50.4789, 44.7065, 53.4484

Complementary

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



40.1674, 44.7065, 30.5569



27.9119, 26.9176, 47.4431

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.



48.4689, 44.7065, 65.0164



40.1674, 44.7065, 30.5569



40.8984, 44.7065, 73.5952

Square

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



40.1674, 44.7065, 30.5569



35.5750, 44.7065, 55.7810



44.9050, 44.7065, 72.8352



50.2525, 44.7065, 42.2047

Rectangle

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



40.1674, 44.7065, 30.5569



35.7463, 44.7065, 40.8417



44.9050, 44.7065, 72.8352



50.0374, 44.7065, 57.4570

Sweetspot

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



40.1686, 44.7085, 30.5578



76.4006, 81.8530, 78.2243



32.7334, 29.8368, 28.0792



16.4750, 17.6762, 16.7074



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.1686, 44.7085, 30.5578



70.6557, 79.5549, 47.9809



35.5105, 42.3072, 30.3399



9.1970, 9.9066, 9.0800



24.5253, 29.5533, 4.4117



0.7717, 0.9299, 0.1388

Inverse Universe

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



27.9119, 26.9176, 47.4431



44.5232, 41.6228, 83.9820



31.8277, 28.9363, 47.6263



8.0421, 8.2302, 10.6711



5.7500, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Previews

White Background



This preview shows how the XYZ color 40.1674, 44.7065, 30.5569 looks on a white background.

Color Contrast Check

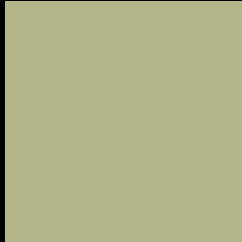
Large Text (above 18pt) WCAG AA × Fail

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 40.1674, 44.7065, 30.5569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

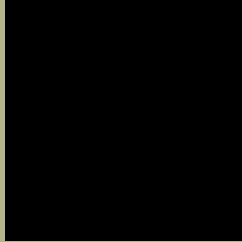
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

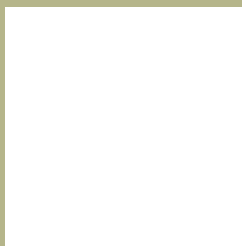
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1674, 44.7065, 30.5569

Background



This preview shows how black text looks on a background with the XYZ color 40.1674, 44.7065, 30.5569.



This preview shows how white text looks on a background with the XYZ color 40.1674, 44.7065,

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

40.1674, 44.7065, 30.5569

Protanopia

41.6710, 44.5941, 30.0781

Deuteranopia

45.3090, 44.4292, 30.9986



Tritanopia

44.7067, 44.4677, 53.8038

Trichromacy



Original Color

40.1674, 44.7065, 30.5569

Protanomaly

41.1290, 44.6111, 30.1100

Deuteranomaly

43.2789, 44.5298, 30.7402

Tritanomaly

42.9854, 44.6608, 44.3850

Monochromacy



Original Color

40.1674, 44.7065, 30.5569

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.8021, 43.9144, 40.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1674, 44.7065, 30.5569 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(181, 181, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 138)  
}
```

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(181, 181, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 138) }
```

Border

The CSS property to change the border of an element to XYZ 40.1674, 44.7065, 30.5569 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(181, 181, 138) }
```


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

```
.border{ border-color:rgb(181, 181, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 138);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1674, 44.7065, 30.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 138) }
```

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

```
.background{ background-color: rgb(181,  
181, 138) }
```

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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