

Converting Colors

XYZ(48.0187, 51.6622, 40.6226)

Have a look what the booklet for
XYZ(48.0187, 51.6622, 40.6226)
contains.

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Color

**XYZ(48.0019, 51.6700,
40.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BFA0
RGB	197, 191, 160
RGB Percent	77%, 75%, 63%
CMY	0.2274, 0.2510, 0.3725
CMYK	0.00, 0.03, 0.19, 0.23
HSL	50°, 24%, 70%
HSV	50°, 19%, 77%
XYZ	48.0019, 51.6700, 40.7010
YIQ	189.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

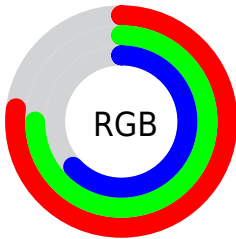
Format	Color
RYB	167, 197, 160
Decimal	12959648
CIELab	77.08, -3.04, 16.42
CIELCh	77, 16.696, 100.501
Yxy	51.6700, 0.3420, 0.3681
Android (android.graphics.Color)	4291149728 (0xFFC5BFA0)
YUV	189.2600, -14.4252, 6.7880
Hunter-Lab	71.8818, -6.5929, 16.7461

Details

The XYZ color **48.0019, 51.6700, 40.7010** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2112, 38.7763, 58.2942**, and the grayscale version is **48.5943, 51.1250, 55.6752**.

A 20% lighter version of the original color is **86.3996, 92.4987, 77.5903**, and **23.1229, 25.0993, 17.8133** is the 20% darker color. If you saturate the color by 10%, you get **45.7252, 49.6592, 32.1029**, and if you desaturate by 10%, it is **50.5696, 53.8250, 50.7447**.

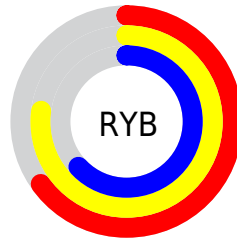
Distribution



Red (77%)

Green (75%)

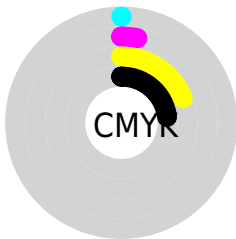
Blue (63%)



Red (65%)

Yellow (77%)

Blue (63%)

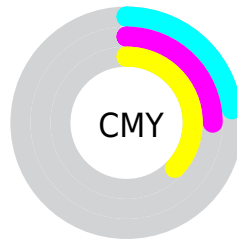


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (23%)



Cyan (23%)


Magenta (25%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0019, 51.6700, 40.7010 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 48.0019, 51.6700, 40.7010 by changing the saturation by 10% instead.


 48.0019, 51.6700,
40.7010


 48.0019, 51.6700,
40.7010


369.3821,
393.1613, 364.7090

 34.0396, 36.7421,
27.7676


 86.4169, 92.6444,
77.4785

 23.0871, 25.0079,
17.9130


 111.6004,
119.4597, 102.1597

 14.7789, 16.0829,
10.7188


141.2550,
151.0062, 131.5939

 8.7496, 9.5829,
5.7663

175.7460,
187.6683, 166.1997

 4.6340, 5.1233,
2.6370

215.4389,
229.8305, 206.3955

 2.0667, 2.3198,
0.9115

260.6990,

 0.6710, 0.7841,

277.8772, 252.6000

0.0000

311.8916,
332.1926, 305.2316

■ 0.0000, 0.0000,
0.0000

■ 48.0019, 51.6700,
40.7010

■ 48.0019, 51.6700,
40.7010

■ 45.7252, 49.6592,
32.1029

■ 50.5696, 53.8250,
50.7447

■ 43.7226, 47.7805,
24.8794

■ 53.4364, 56.1222,
62.2939

■ 41.9813, 46.0302,
18.9587

■ 56.6149, 58.5687,
75.4090

■ 40.4863, 44.4023,
14.2609

■ 60.1159, 61.1690,
90.1462

■ 39.2205, 42.8898,
10.6974

■ 63.3807, 63.6997,
103.5625

■ 38.1647, 41.4847,
8.1677

■ 64.1618, 65.2618,
103.8228

■ 37.2966, 40.1781,
6.5536

■ 64.9586, 66.8555,
104.0885

■ 36.5788, 38.9547,
5.6601

■ 65.7713, 68.4808,
104.3593

■ 36.4953, 38.8088,
5.5673

■ 66.5998, 70.1379,
104.6355

Harmonies

Analogous

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



51.1859, 51.6700, 41.2783



48.0019, 51.6700, 40.7010



45.2356, 51.6700, 43.9366

Triad

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



48.0019, 51.6700, 40.7010



44.5947, 51.6700, 68.4513



55.1198, 51.6700, 62.3268

Complementary

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



48.0019, 51.6700, 40.7010



38.2112, 38.7763, 58.2942

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.



53.2012, 51.6700, 70.6955



48.0019, 51.6700, 40.7010



47.0926, 51.6700, 74.4877

Square

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



48.0019, 51.6700, 40.7010



43.3258, 51.6700, 59.5209



50.2366, 51.6700, 75.3507



55.3891, 51.6700, 53.1202

Rectangle

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



48.0019, 51.6700, 40.7010



43.9656, 51.6700, 48.0490



50.2366, 51.6700, 75.3507



54.6426, 51.6700, 65.3565

Sweetspot

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



48.0033, 51.6723, 40.7021



91.8978, 97.4818, 96.1769



42.4955, 39.7718, 41.5942



19.5991, 20.8077, 20.3025



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.



48.0033, 51.6723, 40.7021



84.0464, 90.8670, 65.5430



46.2391, 52.7438, 41.0019



11.3719, 12.1130, 11.3014



24.0561, 25.6293, 3.6791



1.1793, 1.2939, 0.1876

Inverse Universe

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



38.2112, 38.7763, 58.2942



62.9422, 63.0750, 103.4650



39.7359, 37.9819, 58.0605



10.1932, 10.5605, 13.4186



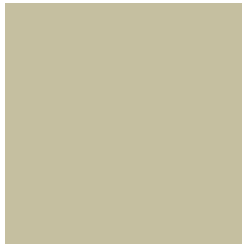
7.0081, 3.4102, 35.0332



0.3767, 0.2511, 1.6738

Previews

White Background



This preview shows how the XYZ color 48.0019, 51.6700, 40.7010 looks on a white background.

Color Contrast Check

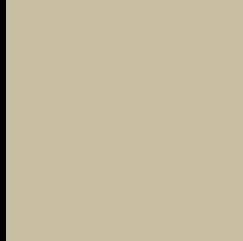
Large Text (above 18pt) WCAG AA × Fail

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 48.0019, 51.6700, 40.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

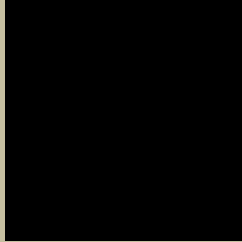
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

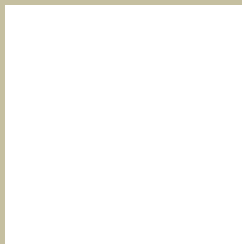
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0019, 51.6700, 40.7010

Background



This preview shows how black text looks on a background with the XYZ color 48.0019, 51.6700, 40.7010.



This preview shows how white text looks on a background with the XYZ color 48.0019, 51.6700,

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

48.0019, 51.6700, 40.7010

Protanopia

48.7589, 51.7476, 40.2193

Deuteranopia

52.6685, 51.5357, 41.3539



Tritanopia

52.1314, 51.4246, 61.8219

Trichromacy



Original Color

48.0019, 51.6700, 40.7010

Protanomaly

48.4909, 51.6095, 40.2068

Deuteranomaly

50.8559, 51.5399, 40.9860

Tritanomaly

50.3467, 51.3228, 53.1517

Monochromacy



Original Color

48.0019, 51.6700, 40.7010

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.1876, 51.2477, 49.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0019, 51.6700, 40.7010 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(197, 191, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 160)  
}
```

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(197, 191, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 160) }
```

Border

The CSS property to change the border of an element to XYZ 48.0019, 51.6700, 40.7010 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(197, 191, 160) }
```


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

```
.border{ border-color:rgb(197, 191, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 191, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 191, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 191, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 191,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0019, 51.6700, 40.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 160) }
```

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

```
.background{ background-color: rgb(197,  
191, 160) }
```

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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