

Converting Colors

XYZ(38.5720, 38.0241, 28.9733)

Have a look what the booklet for
XYZ(38.5720, 38.0241, 28.9733)
contains.

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Color

**XYZ(38.5720, 38.0241,
28.9733)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA089
RGB	191, 160, 137
RGB Percent	75%, 63%, 54%
CMY	0.2510, 0.3725, 0.4627
CMYK	0.00, 0.16, 0.28, 0.25
HSL	26°, 30%, 64%
HSV	26°, 28%, 75%
XYZ	38.5720, 38.0241, 28.9733
YIQ	166.6470, 25.8590, -0.5810

Conversions

Conversions Part 2

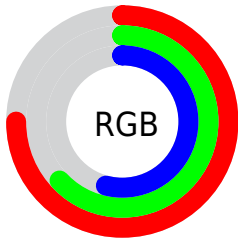
Format	Color
RYB	191, 177, 137
Decimal	12558473
CIELab	68.04, 7.95, 16.25
CIELCh	68, 18.093, 63.944
Yxy	38.0241, 0.3654, 0.3602
Android (android.graphics.Color)	4290748553 (0xFFBFA089)
YUV	166.6470, -14.6160, 21.3576
Hunter-Lab	61.6637, 3.7443, 15.3066

Details

The XYZ color **38.5720, 38.0241, 28.9733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7227, 37.0841, 54.6709**, and the grayscale version is **36.6197, 38.5268, 41.9556**.

A 20% lighter version of the original color is **72.3061, 72.2750, 58.8547**, and **17.5055, 16.9438, 11.3647** is the 20% darker color. If you saturate the color by 10%, you get **35.5041, 33.8900, 21.7789**, and if you desaturate by 10%, it is **42.0521, 42.5939, 37.5025**.

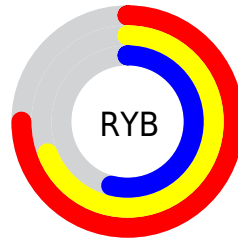
Distribution



Red (75%)

Green (63%)

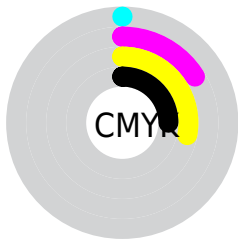
Blue (54%)



Red (75%)

Yellow (69%)

Blue (54%)

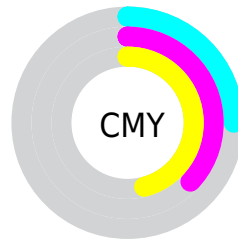


Cyan (0%)

Magenta (16%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (37%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5720, 38.0241, 28.9733 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 38.5720, 38.0241, 28.9733 by changing the saturation by 10% instead.


 38.5720, 38.0241,
28.9733


 38.5720, 38.0241,
28.9733


331.3060,
337.7233, 311.1460


 26.6062, 26.0014,
18.8152


 72.2823, 72.1451,
59.0763

 17.4127, 16.8247,
11.3614


 94.7574, 95.0121,
79.8584

 10.6263, 10.1096,
6.1932


 121.4664,
122.2628, 105.0188

 5.8816, 5.4717,
2.8922

152.7746,
154.2814, 134.9762

 2.8132, 2.5266,
1.0399

189.0472,
191.4523, 170.1491

 1.0558, 0.8899,
0.0000

230.6498,

 0.0000, 0.0000,

234.1601, 210.9560

0.0000

277.9476,
282.7889, 257.8154

■ 38.5720, 38.0241,
28.9733

■ 38.5720, 38.0241,
28.9733

■ 35.5041, 33.8900,
21.7789

■ 42.0521, 42.5939,
37.5025

■ 32.8282, 30.1728,
15.8483

■ 45.9575, 47.6074,
47.4281

■ 30.5270, 26.8595,
11.1071

■ 50.3042, 53.0785,
58.8104

■ 28.5803, 23.9347,
7.4723

■ 55.1064, 59.0194,
71.7057

■ 26.9657, 21.3814,
4.8498

■ 60.3778, 65.4413,
86.1670

■ 25.6573, 19.1812,
3.1296

■ 66.1315, 72.3554,
102.2451

■ 24.6173, 17.3101,
2.1385

■ 69.7474, 78.7193,
106.1260

■ 24.4556, 17.0158,
1.9954

■ 73.0149, 85.2543,
107.2152

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



40.8220, 38.0241, 33.3314



38.5720, 38.0241, 28.9733



35.7695, 38.0241, 27.7767

Triad

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



38.5720, 38.0241, 28.9733



31.0029, 38.0241, 42.4778



39.2498, 38.0241, 55.6467

Complementary

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



38.5720, 38.0241, 28.9733



33.7227, 37.0841, 54.6709

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.



36.5146, 38.0241, 58.8817



38.5720, 38.0241, 28.9733



31.8319, 38.0241, 50.6798

Square

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



38.5720, 38.0241, 28.9733



31.4908, 38.0241, 34.9563



33.8139, 38.0241, 56.9562



41.2273, 38.0241, 48.5946

Rectangle

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



38.5720, 38.0241, 28.9733



33.9872, 38.0241, 28.7834



33.8139, 38.0241, 56.9562



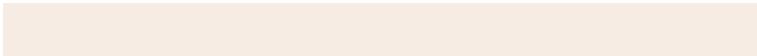
38.3835, 38.0241, 57.2554

Sweetspot

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



38.5730, 38.0258, 28.9741



82.4172, 85.4011, 85.2206



37.5464, 31.8139, 41.4526



17.8525, 18.4408, 18.0809



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.



38.5730, 38.0258, 28.9741



65.5559, 63.3736, 43.5455



43.6659, 48.2116, 30.6717



9.8553, 10.1866, 10.0234



16.1483, 11.3354, 1.3368



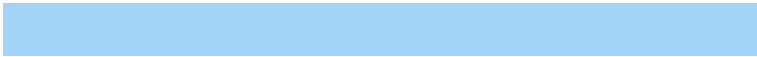
0.6975, 0.5739, 0.0740

Inverse Universe

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



33.7227, 37.0841, 54.6709



55.4229, 61.3993, 97.2093



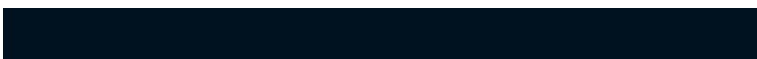
29.3197, 28.2780, 53.2032



9.4588, 10.1100, 12.1251



9.8999, 9.9115, 33.7842



0.4514, 0.5155, 1.3446

Previews

White Background



This preview shows how the XYZ color 38.5720, 38.0241, 28.9733 looks on a white background.

Color Contrast Check

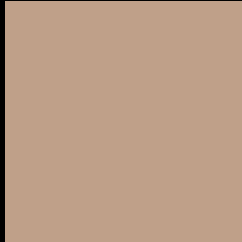
Large Text (above 18pt) WCAG AA × Fail

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 38.5720, 38.0241, 28.9733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

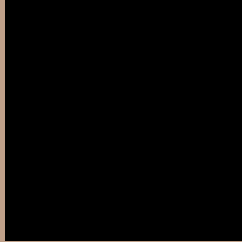
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5720, 38.0241, 28.9733

Background



This preview shows how black text looks on a background with the XYZ color 38.5720, 38.0241, 28.9733.



This preview shows how white text looks on a background with the XYZ color 38.5720, 38.0241,

28.9733.

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

38.5720, 38.0241, 28.9733

Protanopia

36.0490, 38.2798, 30.2997

Deuteranopia

38.8244, 38.1542, 28.9851



Tritanopia

41.2045, 38.0734, 42.2230

Trichromacy



Original Color

38.5720, 38.0241, 28.9733

Protanomaly

36.9917, 38.2388, 29.8572

Deuteranomaly

38.8244, 38.1542, 28.9851

Tritanomaly

40.1351, 37.8857, 37.0956

Monochromacy



Original Color

38.5720, 38.0241, 28.9733

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.1807, 38.1813, 36.8626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5720, 38.0241, 28.9733 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(191, 160, 137)` looks like.

```
.text, #text, p{  
    color:rgb(191, 160, 137)  
}
```

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(191, 160, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 160, 137) }
```

Border

The CSS property to change the border of an element to XYZ 38.5720, 38.0241, 28.9733 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(191, 160, 137) }
```


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

```
.border{ border-color:rgb(191, 160, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 160, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 160, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 160, 137);  
box-shadow:4px 4px 4px 4px rgb(191, 160,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5720, 38.0241, 28.9733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 160, 137) }
```

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

```
.background{ background-color: rgb(191,  
160, 137) }
```

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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