

Converting Colors

XYZ(30.9394, 30.4025, 11.0927)

Have a look what the booklet for
XYZ(30.9394, 30.4025, 11.0927)
contains.

XYZ(30.8941, 30.3571, 11.0687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8941, 30.3571,
11.0687)**

Conversions

Conversions Part 1

Format	Color
Hex	B88F4C
RGB	184, 143, 76
RGB Percent	72%, 56%, 30%
CMY	0.2784, 0.4392, 0.7020
CMYK	0.00, 0.22, 0.59, 0.28
HSL	37°, 43%, 51%
HSV	37°, 59%, 72%
XYZ	30.8941, 30.3571, 11.0687
YIQ	147.6210, 45.9430, -12.1450

Conversions

Conversions Part 2

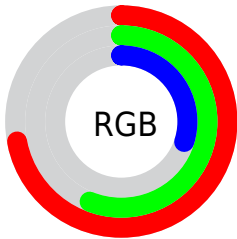
Format	Color
RYB	142, 184, 76
Decimal	12095308
CIELab	61.96, 7.74, 41.07
CIELCh	62, 41.797, 79.326
Yxy	30.3571, 0.4272, 0.4198
Android (android.graphics.Color)	4290285388 (0xFFB88F4C)
YUV	147.6210, -35.3092, 31.9044
Hunter-Lab	55.0973, 3.6681, 26.6571

Details

The XYZ color **30.8941, 30.3571, 11.0687** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.9932, 17.7189, 47.8188**, and the grayscale version is **28.1200, 29.5845, 32.2175**.

A 20% lighter version of the original color is **60.4150, 60.3421, 28.5416**, and **13.0143, 12.4970, 2.7632** is the 20% darker color. If you saturate the color by 10%, you get **29.3277, 28.1059, 7.8294**, and if you desaturate by 10%, it is **32.7101, 32.8150, 15.2944**.

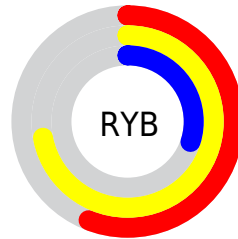
Distribution



Red (72%)

Green (56%)

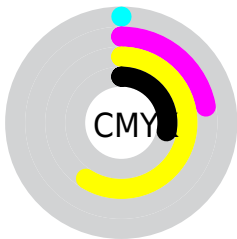
Blue (30%)



Red (56%)

Yellow (72%)

Blue (30%)

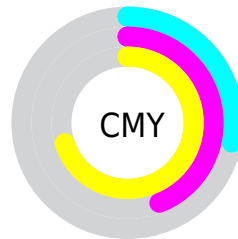


Cyan (0%)

Magenta (22%)

Yellow (59%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.8941, 30.3571, 11.0687 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 30.8941, 30.3571, 11.0687 by changing the saturation by 10% instead.


 30.8941, 30.3571,
11.0687


 30.8941, 30.3571,
11.0687


297.8857,
303.5654, 208.8926


 20.6697, 20.1098,
5.9983


 60.4503, 60.2265,
28.4257


 12.9938, 12.4749,
2.7753


 80.5127, 80.6173,
41.5494


 7.5013, 7.0680,
0.9811


 104.5852,
105.1581, 58.1947

 3.8266, 3.5046,
0.0000

 133.0331,
134.2333, 78.7800

 1.6045, 1.4005,
0.0000

 166.2217,
168.2272, 103.7239

 0.3954, 0.2171,
0.0000

204.5165,

 0.0000, 0.0000,

207.5243, 133.4449

0.0000

248.2827,
252.5089, 168.3616

■ 30.8941, 30.3571,
11.0687

■ 30.8941, 30.3571,
11.0687

■ 29.3277, 28.1059,
7.8294

■ 32.7101, 32.8150,
15.2944

■ 27.9916, 26.0482,
5.4896

■ 34.7890, 35.4832,
20.5797

■ 26.8665, 24.1756,
3.9502

■ 37.1454, 38.3704,
26.9930

■ 25.9186, 22.4725,
3.0405

■ 39.7921, 41.4836,
34.5962

■ 25.8019, 22.2601,
2.9367

■ 42.7409, 44.8292,
43.4468

■ 46.0031, 48.4133,
53.5986

■ 49.5892, 52.2419,
65.1021

■ 53.5093, 56.3204,
78.0052

■ 57.7728, 60.6544,
92.3534

Harmonies

Analogous

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



36.4550, 30.3571, 14.7496



30.8941, 30.3571, 11.0687



25.4351, 30.3571, 11.6594

Triad

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



30.8941, 30.3571, 11.0687



19.8394, 30.3571, 44.3441



37.8137, 30.3571, 57.4988

Complementary

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



30.8941, 30.3571, 11.0687



17.9932, 17.7189, 47.8188

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.



32.5652, 30.3571, 71.5243



30.8941, 30.3571, 11.0687



22.3898, 30.3571, 62.3884

Square

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



30.8941, 30.3571, 11.0687



19.5138, 30.3571, 27.6649



26.9048, 30.3571, 73.5573



40.7797, 30.3571, 39.1005

Rectangle

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



30.8941, 30.3571, 11.0687



22.5541, 30.3571, 14.4787



26.9048, 30.3571, 73.5573



36.2285, 30.3571, 63.1038

Sweetspot

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



30.8948, 30.3586, 11.0693



72.3343, 75.4314, 63.3031



25.5861, 16.6532, 18.8194



15.2810, 15.8989, 12.7319



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.8948, 30.3586, 11.0693



52.5274, 49.9939, 12.9968



35.3267, 43.5054, 13.3733



9.4560, 9.9150, 9.5223



17.8525, 15.4814, 2.0473



0.6870, 0.6611, 0.0914

Inverse Universe

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



17.9932, 17.7189, 47.8188



27.0974, 25.1437, 85.6296



15.3179, 10.7340, 46.6116



8.7930, 9.2633, 11.4040



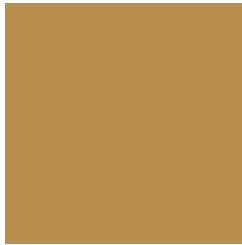
7.5290, 5.5176, 31.9213



0.3259, 0.3154, 1.1455

Previews

White Background



This preview shows how the XYZ color 30.8941, 30.3571, 11.0687 looks on a white background.

Color Contrast Check

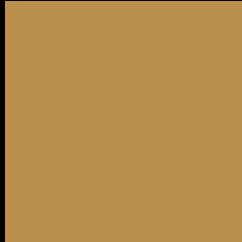
Large Text (above 18pt) WCAG AA × Fail

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 30.8941, 30.3571, 11.0687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

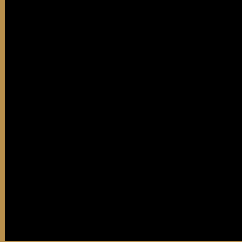
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8941, 30.3571, 11.0687

Background



This preview shows how black text looks on a background with the XYZ color 30.8941, 30.3571, 11.0687.



This preview shows how white text looks on a background with the XYZ color 30.8941, 30.3571,

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

30.8941, 30.3571, 11.0687

Protanopia

27.7985, 30.3621, 11.6031

Deuteranopia

30.8941, 30.3571, 11.0687



Tritanopia

35.0100, 30.3194, 30.7951

Trichromacy



Original Color

30.8941, 30.3571, 11.0687

Protanomaly

28.7865, 30.1739, 11.3281

Deuteranomaly

30.8941, 30.3571, 11.0687

Tritanomaly

33.2177, 30.2244, 21.8524

Monochromacy



Original Color

30.8941, 30.3571, 11.0687

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4897, 29.5400, 22.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8941, 30.3571, 11.0687 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(184, 143, 76)` looks like.

```
.text, #text, p{  
    color:rgb(184, 143, 76)  
}
```

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(184, 143, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 143, 76) }
```

Border

The CSS property to change the border of an element to XYZ 30.8941, 30.3571, 11.0687 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(184, 143, 76) }
```


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

```
.border{ border-color:rgb(184, 143, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 143, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 143, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 143, 76);  
box-shadow:4px 4px 4px 4px rgb(184, 143,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8941, 30.3571, 11.0687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 143, 76) }
```

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

```
.background{ background-color: rgb(184,  
143, 76) }
```

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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