

Converting Colors

XYZ(28.4023, 28.0940, 11.4103)

Have a look what the booklet for
XYZ(28.4023, 28.0940, 11.4103)
contains.

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Color

**XYZ(28.5484, 28.2599,
11.3472)**

Conversions

Conversions Part 1

Format	Color
Hex	B08B4F
RGB	176, 139, 79
RGB Percent	69%, 55%, 31%
CMY	0.3098, 0.4549, 0.6902
CMYK	0.00, 0.21, 0.55, 0.31
HSL	37°, 38%, 50%
HSV	37°, 55%, 69%
XYZ	28.5484, 28.2599, 11.3472
YIQ	143.2230, 41.3120, -10.8160

Conversions

Conversions Part 2

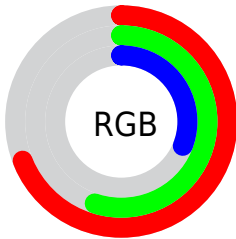
Format	Color
RYB	139, 176, 79
Decimal	11569999
CIELab	60.12, 6.74, 37.13
CIELCh	60, 37.734, 79.718
Yxy	28.2599, 0.4189, 0.4146
Android (android.graphics.Color)	4289760079 (0xFFB08B4F)
YUV	143.2230, -31.6619, 28.7454
Hunter-Lab	53.1600, 2.8293, 24.5564

Details

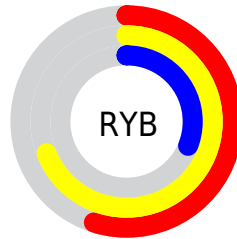
The XYZ color **28.5484, 28.2599, 11.3472** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.3060, 17.2869, 43.4986**, and the grayscale version is **26.3092, 27.6794, 30.1428**.

A 20% lighter version of the original color is **56.8106, 56.8034, 29.0890**, and **11.7049, 11.3086, 2.8622** is the 20% darker color. If you saturate the color by 10%, you get **27.0485, 26.1533, 8.0943**, and if you desaturate by 10%, it is **30.2789, 30.5565, 15.5143**.

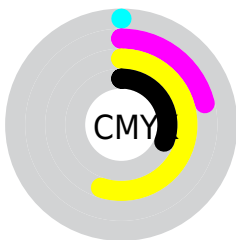
Distribution



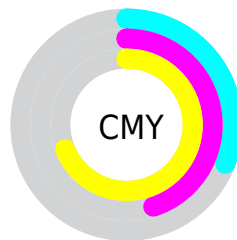
- Red (69%)
- Green (55%)
- Blue (31%)



- Red (55%)
- Yellow (69%)
- Blue (31%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5484, 28.2599, 11.3472 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 28.5484, 28.2599, 11.3472 by changing the saturation by 10% instead.

■ 28.5484, 28.2599,
11.3472

■ 28.5484, 28.2599,
11.3472

287.1110,
293.7067, 210.8565

■ 18.8820, 18.5217,
6.1838

■ 56.7613, 56.8991,
28.9468

■ 11.6886, 11.3252,
2.8866

■ 76.0386, 76.5689,
42.2201

■ 6.6027, 6.2860,
1.0370

■ 99.2503, 100.3180,
59.0338

■ 3.2590, 3.0197,
0.0000

■ 126.7616,
128.5307, 79.8064

■ 1.2922, 1.1421,
0.0000

■ 158.9380,
161.5916, 104.9564

■ 0.1773, 0.0136,
0.0000

196.1447,

■ 0.0000, 0.0000,

199.8850, 134.9024

0.0000

238.7473,
243.7952, 170.0629

■ 28.5484, 28.2599,
11.3472

■ 28.5484, 28.2599,
11.3472

■ 27.0485, 26.1533,
8.0943

■ 30.2789, 30.5565,
15.5143

■ 25.7625, 24.2249,
5.6814

■ 32.2513, 33.0459,
20.6585

■ 24.6741, 22.4676,
4.0254

■ 34.4784, 35.7359,
26.8392

■ 23.7628, 20.8714,
3.0232

■ 36.9713, 38.6327,
34.1105

■ 23.3596, 20.1404,
2.6563

■ 39.7404, 41.7418,
42.5224

■ 42.7957, 45.0687,
52.1223

■ 46.1464, 48.6187,
62.9545

■ 49.8013, 52.3967,
75.0611

■ 53.7689, 56.4075,
88.4824

Harmonies

Analogous

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



33.3082, 28.2599, 14.6396



28.5484, 28.2599, 11.3472



23.8533, 28.2599, 11.9383

Triad

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



28.5484, 28.2599, 11.3472



19.0469, 28.2599, 40.6214



34.5681, 28.2599, 51.3168

Complementary

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



28.5484, 28.2599, 11.3472



17.3060, 17.2869, 43.4986

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.



30.1097, 28.2599, 63.1257



28.5484, 28.2599, 11.3472



21.3031, 28.2599, 55.7823

Square

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



28.5484, 28.2599, 11.3472



18.7349, 28.2599, 26.2721



25.2399, 28.2599, 64.9679



37.0490, 28.2599, 35.7545

Rectangle

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



28.5484, 28.2599, 11.3472



21.3630, 28.2599, 14.5377



25.2399, 28.2599, 64.9679



33.2278, 28.2599, 56.0320

Sweetspot

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



28.5491, 28.2613, 11.3478



66.0240, 68.8868, 58.8102



23.8636, 16.0875, 18.4267



14.1141, 14.7046, 12.1738



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.5491, 28.2613, 11.3478



48.5503, 46.6932, 13.6672



32.3878, 39.5804, 13.3303



8.9194, 9.3513, 8.9874



17.1973, 14.8931, 1.9683



0.5953, 0.5770, 0.0800

Inverse Universe

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



17.3060, 17.2869, 43.4986



26.1332, 24.8582, 77.9160



14.8800, 10.9165, 42.3969



8.2988, 8.7438, 10.7567



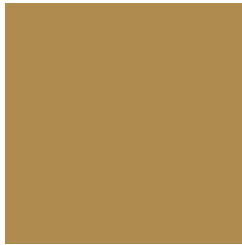
7.2807, 5.3618, 30.7882



0.2865, 0.2835, 0.9879

Previews

White Background



This preview shows how the XYZ color 28.5484, 28.2599, 11.3472 looks on a white background.

Color Contrast Check

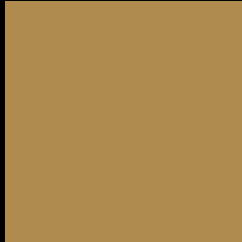
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5484, 28.2599, 11.3472 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 × Fail

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

XYZ 28.5484, 28.2599, 11.3472

Background



This preview shows how black text looks on a background with the XYZ color 28.5484, 28.2599, 11.3472.



This preview shows how white text looks on a background with the XYZ color 28.5484, 28.2599,

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

28.5484, 28.2599, 11.3472

Protanopia

25.9087, 28.2158, 11.8652

Deuteranopia

28.8599, 28.2064, 11.3204



Tritanopia

32.1898, 28.2793, 29.3530

Trichromacy



Original Color

28.5484, 28.2599, 11.3472

Protanomaly

26.7875, 28.2234, 11.6252

Deuteranomaly

28.6312, 28.0886, 11.3097

Tritanomaly

30.5842, 28.2436, 21.2924

Monochromacy



Original Color

28.5484, 28.2599, 11.3472

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.5807, 27.6706, 21.7093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5484, 28.2599, 11.3472 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(176, 139, 79)` looks like.

```
.text, #text, p{  
    color:rgb(176, 139, 79)  
}
```

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(176, 139, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 139, 79) }
```

Border

The CSS property to change the border of an element to XYZ 28.5484, 28.2599, 11.3472 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(176, 139, 79) }
```


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

```
.border{ border-color:rgb(176, 139, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 139, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 139, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 139, 79);  
box-shadow:4px 4px 4px 4px rgb(176, 139,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5484, 28.2599, 11.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 139, 79) }
```

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

```
.background{ background-color: rgb(176,  
139, 79) }
```

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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