

Converting Colors

XYZ(28.5358, 28.3853, 11.0153)

Have a look what the booklet for
XYZ(28.5358, 28.3853, 11.0153)
contains.

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Color

**XYZ(28.6221, 28.5221,
11.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	B08C4D
RGB	176, 140, 77
RGB Percent	69%, 55%, 30%
CMY	0.3098, 0.4510, 0.6980
CMYK	0.00, 0.20, 0.56, 0.31
HSL	38°, 39%, 50%
HSV	38°, 56%, 69%
XYZ	28.6221, 28.5221, 11.0179
YIQ	143.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

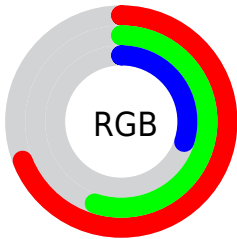
Format	Color
RYB	134, 176, 77
Decimal	11570253
CIELab	60.36, 6.01, 38.45
CIElCh	60, 38.919, 81.115
Yxy	28.5221, 0.4199, 0.4184
Android (android.graphics.Color)	4289760333 (0xFFB08C4D)
YUV	143.5820, -32.8249, 28.4306
Hunter-Lab	53.4061, 2.2034, 25.1525

Details

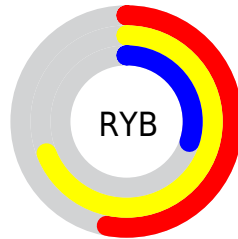
The XYZ color **28.6221, 28.5221, 11.0179** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.8018, 16.5218, 43.3775**, and the grayscale version is **26.4577, 27.8356, 30.3130**.

A 20% lighter version of the original color is **56.8979, 57.1909, 28.4622**, and **11.7631, 11.4660, 2.7556** is the 20% darker color. If you saturate the color by 10%, you get **27.1750, 26.4914, 7.8736**, and if you desaturate by 10%, it is **30.2931, 30.7316, 15.0669**.

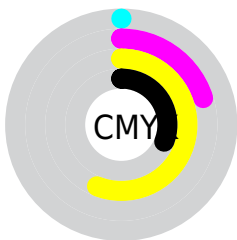
Distribution



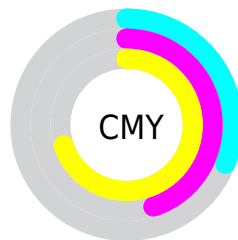
- Red (69%)
- Green (55%)
- Blue (30%)



- Red (53%)
- Yellow (69%)
- Blue (30%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (31%)



- Cyan (31%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6221, 28.5221, 11.0179 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 28.6221, 28.5221, 11.0179 by changing the saturation by 10% instead.

■ 28.6221, 28.5221,
11.0179

■ 28.6221, 28.5221,
11.0179

287.4542,
294.9534, 208.5322

■ 18.9380, 18.7196,
5.9646

■ 56.8779, 57.3169,
28.3304

■ 11.7292, 11.4678,
2.7551

■ 76.1802, 77.0780,
41.4267

■ 6.6304, 6.3824,
0.9710

■ 99.4193, 100.9275,
58.0410

■ 3.2763, 3.0790,
0.0000

■ 126.9606,
129.2496, 78.5919

■ 1.3015, 1.1731,
0.0000

■ 159.1694,
162.4289, 103.4979

■ 0.1844, 0.0396,
0.0000

196.4110,

■ 0.0000, 0.0000,

200.8497, 133.1776

0.0000

239.0508,
244.8964, 168.0495

■ 28.6221, 28.5221,
11.0179

■ 28.6221, 28.5221,
11.0179

■ 27.1750, 26.4914,
7.8736

■ 30.2931, 30.7316,
15.0669

■ 25.9348, 24.6279,
5.5587

■ 32.1993, 33.1225,
20.0843

■ 24.8853, 22.9248,
3.9885

■ 34.3533, 35.7023,
26.1299

■ 24.0040, 21.3714,
3.0495

■ 36.7663, 38.4770,
33.2582

■ 23.6994, 20.8201,
2.7696

■ 39.4487, 41.4520,
41.5198

■ 42.4102, 44.6325,
50.9621

■ 45.6602, 48.0235,
61.6299

■ 49.2073, 51.6297,
73.5653

■ 53.0600, 55.4557,
86.8089

Harmonies

Analogous

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



33.6059, 28.5221, 14.1715



28.6221, 28.5221, 11.0179



23.7905, 28.5221, 11.7967

Triad

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



28.6221, 28.5221, 11.0179



19.0913, 28.5221, 42.0717



35.3056, 28.5221, 51.7531

Complementary

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



28.6221, 28.5221, 11.0179



16.8018, 16.5218, 43.3775

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.



30.7235, 28.5221, 64.4860



28.6221, 28.5221, 11.0179



21.5092, 28.5221, 57.8069

Square

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



28.6221, 28.5221, 11.0179



18.6746, 28.5221, 26.9929



25.6510, 28.5221, 66.9896



37.7644, 28.5221, 35.5070

Rectangle

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



28.6221, 28.5221, 11.0179



21.2645, 28.5221, 14.5838



25.6510, 28.5221, 66.9896



33.9378, 28.5221, 56.7708

Sweetspot

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



28.6228, 28.5235, 11.0185



66.2009, 69.2406, 58.8692



23.5560, 15.7371, 17.5077



14.1564, 14.7890, 12.1879



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.



28.6228, 28.5235, 11.0185



48.8257, 47.3734, 13.3599



31.9281, 39.3517, 12.9343



8.9321, 9.3766, 8.9916



17.4459, 15.3904, 2.0511



0.6020, 0.5905, 0.0822

Inverse Universe

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



16.8018, 16.5218, 43.3775



25.3751, 23.6165, 77.7163



14.7265, 10.6263, 42.3489



8.2865, 8.7192, 10.7526



7.1460, 5.0924, 30.7433



0.2815, 0.2736, 0.9862

Previews

White Background



This preview shows how the XYZ color 28.6221, 28.5221, 11.0179 looks on a white background.

Color Contrast Check

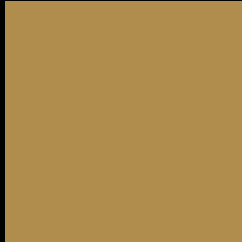
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6221, 28.5221, 11.0179 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 28.6221, 28.5221, 11.0179

Background



This preview shows how black text looks on a background with the XYZ color 28.6221, 28.5221, 11.0179.



This preview shows how white text looks on a background with the XYZ color 28.6221, 28.5221,

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

28.6221, 28.5221, 11.0179

Protanopia

26.1874, 28.5959, 11.5365

Deuteranopia

29.1626, 28.5848, 11.0016



Tritanopia

32.5006, 28.4308, 29.7613

Trichromacy



Original Color

28.6221, 28.5221, 11.0179

Protanomaly

27.0743, 28.6036, 11.3018

Deuteranomaly

28.9323, 28.4660, 10.9908

Tritanomaly

30.8161, 28.3632, 21.3032

Monochromacy



Original Color

28.6221, 28.5221, 11.0179

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9229, 28.0689, 21.7681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6221, 28.5221, 11.0179 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, 140, 77)` looks like.

```
.text, #text, p{  
    color:rgb(176, 140, 77)  
}
```

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, 140, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 140, 77) }
```

Border

The CSS property to change the border of an element to XYZ 28.6221, 28.5221, 11.0179 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, 140, 77) }
```


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

```
.border{ border-color:rgb(176, 140, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 140, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 140, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 140, 77);  
box-shadow:4px 4px 4px 4px rgb(176, 140,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6221, 28.5221, 11.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 140, 77) }
```

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

```
.background{ background-color: rgb(176,  
140, 77) }
```

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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