

Converting Colors

XYZ(36.0649, 28.2054, 11.5837)

Have a look what the booklet for
XYZ(36.0649, 28.2054, 11.5837)
contains.

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Color

**XYZ(36.1441, 28.2499,
11.5304)**

Conversions

Conversions Part 1

Format	Color
Hex	D77752
RGB	215, 119, 82
RGB Percent	84%, 47%, 32%
CMY	0.1569, 0.5333, 0.6784
CMYK	0.00, 0.45, 0.62, 0.16
HSL	17°, 62%, 58%
HSV	17°, 62%, 84%
XYZ	36.1441, 28.2499, 11.5304
YIQ	143.4860, 69.0930, 8.8450

Conversions

Conversions Part 2

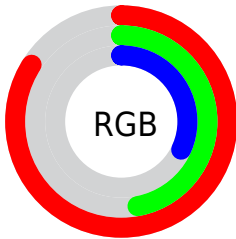
Format	Color
RYB	215, 133, 82
Decimal	14120786
CIELab	60.11, 34.17, 36.61
CIELCh	60, 50.077, 46.975
Yxy	28.2499, 0.4761, 0.3721
Android (android.graphics.Color)	4292310866 (0xFFD77752)
YUV	143.4860, -30.3126, 62.7178
Hunter-Lab	53.1506, 28.3720, 24.3432

Details

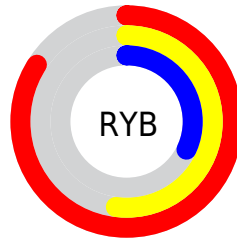
The XYZ color **36.1441, 28.2499, 11.5304** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **31.6647, 38.5386, 70.0593**, and the grayscale version is **26.4018, 27.7768, 30.2489**.

A 20% lighter version of the original color is **60.1574, 52.4310, 28.7793**, and **15.8881, 11.2242, 2.9192** is the 20% darker color. If you saturate the color by 10%, you get **33.7521, 24.5765, 7.3096**, and if you desaturate by 10%, it is **39.0953, 32.6318, 17.2023**.

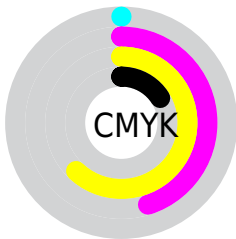
Distribution



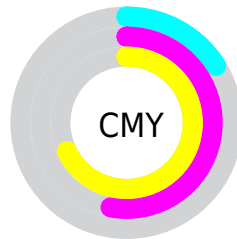
- Red (84%)
- Green (47%)
- Blue (32%)



- Red (84%)
- Yellow (52%)
- Blue (32%)



- Cyan (0%)
- Magenta (45%)
- Yellow (62%)
- Black (16%)





- Cyan (16%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1441, 28.2499, 11.5304 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 36.1441, 28.2499, 11.5304 by changing the saturation by 10% instead.


 36.1441, 28.2499,
11.5304


 36.1441, 28.2499,
11.5304


321.0102,
293.6591, 212.1375


 24.7161, 18.5141,
6.3061


 68.5768, 56.8832,
29.2884

 15.9933, 11.3197,
2.9603


 90.3123, 76.5495,
42.6592


 9.6102, 6.2823,
1.0744


 116.2144,
100.2947, 59.5826

 5.2016, 3.0175,
0.0000

 146.6483,
128.5033, 80.4771

 2.4020, 1.1409,
0.0000

 181.9795,
161.5596, 105.7614

 0.8461, 0.0126,
0.0000

222.5733,

 0.0000, 0.0000,

199.8481, 135.8538

0.0000

268.7951,
243.7532, 171.1730

■ 36.1441, 28.2499,
11.5304

■ 36.1441, 28.2499,
11.5304

■ 33.7521, 24.5765,
7.3096

■ 39.0953, 32.6318,
17.2023

■ 31.8777, 21.5681,
4.4025

■ 42.6389, 37.7538,
24.4423

■ 30.4760, 19.1826,
2.6475

■ 46.8079, 43.6506,
33.3573

■ 29.6306, 17.6600,
1.8470

■ 51.6318, 50.3535,
44.0442

■ 57.1385, 57.8920,
56.5924

■ 63.3539, 66.2938,
71.0854

■ 70.3029, 75.5858,
87.6015

■ 78.0088, 85.7932,
106.2147

■ 81.8341, 93.1870,
108.2815

Harmonies

Analogous

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



40.4106, 28.2499, 21.5817



36.1441, 28.2499, 11.5304



29.7182, 28.2499, 7.6264

Triad

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



36.1441, 28.2499, 11.5304



16.5648, 28.2499, 23.4860



30.6026, 28.2499, 78.2252

Complementary

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



36.1441, 28.2499, 11.5304



31.6647, 38.5386, 70.0593

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.



24.1738, 28.2499, 79.4013



36.1441, 28.2499, 11.5304



16.7243, 28.2499, 42.2275

Square

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



36.1441, 28.2499, 11.5304



18.8279, 28.2499, 12.4457



19.3047, 28.2499, 64.3508



36.8795, 28.2499, 61.5845

Rectangle

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



36.1441, 28.2499, 11.5304



25.3852, 28.2499, 7.3745



19.3047, 28.2499, 64.3508



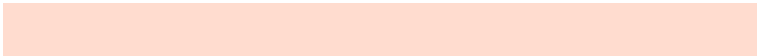
28.3716, 28.2499, 80.6220

Sweetspot

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



36.1448, 28.2514, 11.5309



78.0488, 76.9455, 69.4818



39.2322, 23.7580, 45.4491



16.2285, 15.8128, 13.7955



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.



36.1448, 28.2514, 11.5309



48.8057, 34.8039, 9.3462



46.6807, 49.3232, 15.0429



12.7017, 12.9777, 12.9962



17.8000, 10.7173, 1.1305



1.1432, 0.7856, 0.0914

Inverse Universe

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



31.6647, 38.5386, 70.0593



41.5542, 50.8630, 102.2352



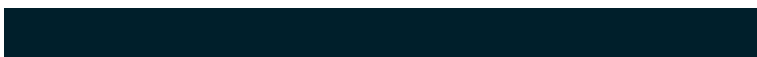
21.6544, 18.5180, 66.7226



12.4865, 13.4965, 15.8845



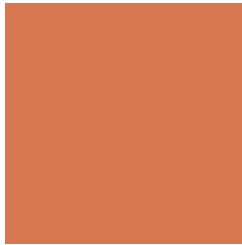
14.4582, 17.1782, 41.0069



0.9400, 1.1721, 2.4960

Previews

White Background



This preview shows how the XYZ color 36.1441, 28.2499, 11.5304 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 36.1441, 28.2499, 11.5304 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 36.1441, 28.2499, 11.5304

Background



This preview shows how black text looks on a background with the XYZ color 36.1441, 28.2499, 11.5304.



This preview shows how white text looks on a background with the XYZ color 36.1441, 28.2499,

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

36.1441, 28.2499, 11.5304

Protanopia

26.1577, 28.2926, 14.2076

Deuteranopia

28.9679, 28.4803, 11.1782



Tritanopia

38.4436, 28.3452, 21.8573

Trichromacy



Original Color

36.1441, 28.2499, 11.5304

Protanomaly

29.1560, 27.8966, 13.0804

Deuteranomaly

31.1484, 28.1434, 11.1877

Tritanomaly

37.5145, 28.3040, 17.3959

Monochromacy



Original Color

36.1441, 28.2499, 11.5304

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.3385, 26.8657, 21.7812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1441, 28.2499, 11.5304 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(215, 119, 82)` looks like.

```
.text, #text, p{  
    color:rgb(215, 119, 82)  
}
```

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(215, 119, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 119, 82) }
```

Border

The CSS property to change the border of an element to XYZ 36.1441, 28.2499, 11.5304 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(215, 119, 82) }
```


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

```
.border{ border-color:rgb(215, 119, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 119, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 119, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 119, 82);  
box-shadow:4px 4px 4px 4px rgb(215, 119,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1441, 28.2499, 11.5304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 119, 82) }
```

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

```
.background{ background-color: rgb(215,  
119, 82) }
```

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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