

Converting Colors

XYZ(36.3972, 28.7790, 8.6704)

Have a look what the booklet for
XYZ(36.3972, 28.7790, 8.6704)
contains.

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Color

**XYZ(36.4068, 28.8081,
8.6427)**

Conversions

Conversions Part 1

Format	Color
Hex	D97941
RGB	217, 121, 65
RGB Percent	85%, 47%, 25%
CMY	0.1490, 0.5255, 0.7451
CMYK	0.00, 0.44, 0.70, 0.15
HSL	22°, 67%, 55%
HSV	22°, 70%, 85%
XYZ	36.4068, 28.8081, 8.6427
YIQ	143.3200, 75.1920, 2.9360

Conversions

Conversions Part 2

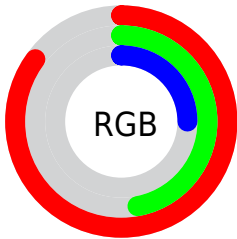
Format	Color
R _Y B	217, 154, 65
Decimal	14252353
CIE Lab	60.61, 32.90, 46.14
CIE LCh	61, 56.664, 54.510
Yxy	28.8081, 0.4929, 0.3900
Android (android.graphics.Color)	4292442433 (0xFFD97941)
YUV	143.3200, -38.6118, 64.6174
Hunter-Lab	53.6732, 27.1494, 28.0241

Details

The XYZ color **36.4068, 28.8081, 8.6427** 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 **27.4484, 31.6215, 70.3022**, and the grayscale version is **26.3657, 27.7388, 30.2076**.

A 20% lighter version of the original color is **59.4706, 52.7699, 23.2708**, and **16.2441, 11.7091, 1.8559** is the 20% darker color. If you saturate the color by 10%, you get **34.3460, 25.5068, 5.4277**, and if you desaturate by 10%, it is **38.9469, 32.6823, 13.2086**.

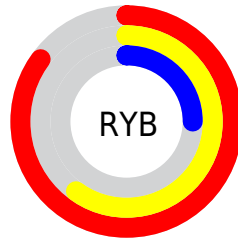
Distribution



Red (85%)

Green (47%)

Blue (25%)



Red (85%)

Yellow (60%)

Blue (25%)

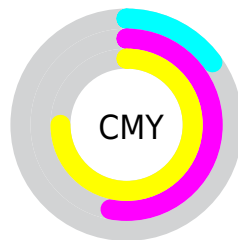


Cyan (0%)

Magenta (44%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (53%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4068, 28.8081, 8.6427 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 36.4068, 28.8081, 8.6427 by changing the saturation by 10% instead.


 36.4068, 28.8081,
8.6427


 36.4068, 28.8081,
8.6427


322.1354,
296.3084, 190.8085


 24.9201, 18.9357,
4.4153


 68.9793, 57.7721,
23.7757


 16.1460, 11.6238,
1.8558


 90.7957, 77.6324,
35.5184


 9.7190, 6.4881,
0.4644


 116.7862,
101.5908, 50.6032

 5.2739, 3.1441,
0.0000

 147.3160,
130.0318, 69.4487

 2.4452, 1.2074,
0.0000

 182.7504,
163.3396, 92.4735

 0.8677, 0.0677,
0.0000

223.4549,

 0.0000, 0.0000,

201.8988, 120.0960

0.0000

269.7948,
246.0936, 152.7348

■ 36.4068, 28.8081,
8.6427

■ 36.4068, 28.8081,
8.6427

■ 34.3460, 25.5068,
5.4277

■ 38.9469, 32.6823,
13.2086

■ 32.7231, 22.7421,
3.4040

■ 41.9985, 37.1533,
19.2574

■ 31.4805, 20.4824,
2.2943

■ 45.5926, 42.2489,
26.9067

■ 49.7573, 47.9939,
36.2619

■ 54.5181, 54.4113,
47.4191

■ 59.8993, 61.5229,
60.4673

■ 65.9234, 69.3498,
75.4897

■ 72.6121, 77.9117,
92.5643

■ 79.1201, 86.8817,
107.2075

Harmonies

Analogous

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



42.3131, 28.8081, 17.4241



36.4068, 28.8081, 8.6427



28.7521, 28.8081, 5.9007

Triad

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



36.4068, 28.8081, 8.6427



15.6107, 28.8081, 27.6611



33.6547, 28.8081, 84.2999

Complementary

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



36.4068, 28.8081, 8.6427



27.4484, 31.6215, 70.3022

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.



26.0546, 28.8081, 91.1508



36.4068, 28.8081, 8.6427



16.4542, 28.8081, 51.2706

Square

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



36.4068, 28.8081, 8.6427



17.4334, 28.8081, 13.2832



19.9861, 28.8081, 77.0521



40.5359, 28.8081, 61.1248

Rectangle

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



36.4068, 28.8081, 8.6427



23.9994, 28.8081, 6.2701



19.9861, 28.8081, 77.0521



31.0667, 28.8081, 88.9245

Sweetspot

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



36.4075, 28.8096, 8.6432



77.7399, 77.3067, 66.3607



36.9621, 21.1151, 35.9693



16.2175, 15.9808, 13.2059



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.



36.4075, 28.8096, 8.6432



48.3200, 34.7853, 6.2470



49.4750, 54.9447, 12.9991



13.4470, 13.8333, 13.6869



19.1494, 12.5844, 1.4197



1.3213, 0.9767, 0.1189

Inverse Universe

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



27.4484, 31.6215, 70.3022



34.4968, 38.7680, 100.2725



17.9741, 12.6729, 67.1441



13.0206, 13.9810, 16.6645



13.1047, 14.0789, 41.7652



0.9302, 1.0746, 2.7328

Previews

White Background



This preview shows how the XYZ color 36.4068, 28.8081, 8.6427 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 36.4068, 28.8081, 8.6427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

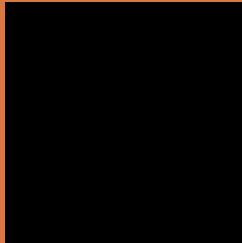
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4068, 28.8081, 8.6427

Background



This preview shows how black text looks on a background with the XYZ color 36.4068, 28.8081, 8.6427.



This preview shows how white text looks on a background with the XYZ color 36.4068, 28.8081,

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

36.4068, 28.8081, 8.6427

Protanopia

26.5366, 29.0299, 10.5080

Deuteranopia

29.3396, 28.7366, 8.2753



Tritanopia

39.1077, 28.6803, 22.2135

Trichromacy



Original Color

36.4068, 28.8081, 8.6427

Protanomaly

29.4854, 28.5642, 9.7538

Deuteranomaly

31.6264, 28.4524, 8.3824

Tritanomaly

37.9730, 28.7420, 16.1167

Monochromacy



Original Color

36.4068, 28.8081, 8.6427

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.3360, 27.1118, 19.9593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4068, 28.8081, 8.6427 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(217, 121, 65)` looks like.

```
.text, #text, p{  
    color:rgb(217, 121, 65)  
}
```

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(217, 121, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 121, 65) }
```

Border

The CSS property to change the border of an element to XYZ 36.4068, 28.8081, 8.6427 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(217, 121, 65) }
```


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

```
.border{ border-color:rgb(217, 121, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 121, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 121, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 121, 65);  
box-shadow:4px 4px 4px 4px rgb(217, 121,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4068, 28.8081, 8.6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 121, 65) }
```

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

```
.background{ background-color: rgb(217,  
121, 65) }
```

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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