

Converting Colors

XYZ(36.7330, 28.1032, 13.5912)

Have a look what the booklet for
XYZ(36.7330, 28.1032, 13.5912)
contains.

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Color

**XYZ(36.9083, 28.2470,
13.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	D9755C
RGB	217, 117, 92
RGB Percent	85%, 46%, 36%
CMY	0.1490, 0.5412, 0.6392
CMYK	0.00, 0.46, 0.58, 0.15
HSL	12°, 62%, 61%
HSV	12°, 58%, 85%
XYZ	36.9083, 28.2470, 13.6321
YIQ	144.0500, 67.6250, 13.4250

Conversions

Conversions Part 2

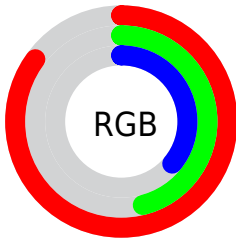
Format	Color
RYB	217, 123, 92
Decimal	14251356
CIELab	60.11, 36.72, 31.17
CIElCh	60, 48.164, 40.333
Yxy	28.2470, 0.4685, 0.3585
Android (android.graphics.Color)	4292441436 (0xFFD9755C)
YUV	144.0500, -25.6607, 63.9771
Hunter-Lab	53.1479, 30.9496, 21.9960

Details

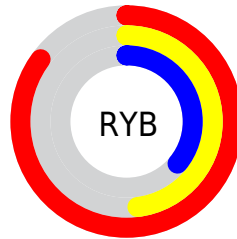
The XYZ color **36.9083, 28.2470, 13.6321** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.7863, 44.9816, 72.4415**, and the grayscale version is **26.6112, 27.9971, 30.4888**.

A 20% lighter version of the original color is **60.7608, 52.3690, 32.8924**, and **16.5224, 11.3550, 3.8035** is the 20% darker color. If you saturate the color by 10%, you get **34.2536, 24.2445, 8.7186**, and if you desaturate by 10%, it is **40.2111, 33.1112, 20.1022**.

Distribution



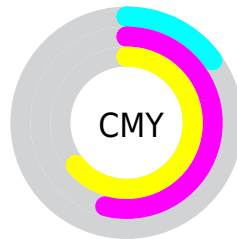
- Red (85%)
- Green (46%)
- Blue (36%)



- Red (85%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (46%)
- Yellow (58%)
- Black (15%)





- Cyan (15%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.9083, 28.2470, 13.6321 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 36.9083, 28.2470, 13.6321 by changing the saturation by 10% instead.


 36.9083, 28.2470,
13.6321


 36.9083, 28.2470,
13.6321


324.2758,
293.6453, 226.2782

 25.3098, 18.5119,
7.7294


 69.7465, 56.8785,
33.1425

 16.4380, 11.3182,
3.8370


 91.7169, 76.5438,
47.5873

 9.9274, 6.2813,
1.5364


 117.8754,
100.2880, 65.7165

 5.4128, 3.0168,
0.2448

 148.5872,
128.4953, 87.9487

 2.5287, 1.1405,
0.0000

184.2179,
161.5504, 114.7024

 0.9097, 0.0123,
0.0000

225.1326,

 0.0000, 0.0000,

199.8374, 146.3962

0.0000

271.6968,
243.7410, 183.4487

■ 36.9083, 28.2470,
13.6321

■ 36.9083, 28.2470,
13.6321

■ 34.2536, 24.2445,
8.7186

■ 40.2111, 33.1112,
20.1022

■ 32.2002, 21.0483,
5.2274

■ 44.2001, 38.8793,
28.2448

■ 30.6981, 18.6029,
3.0037

■ 48.9130, 45.5964,
38.1664

■ 29.6831, 16.8420,
1.8357

■ 54.3839, 53.3027,
49.9643

■ 29.4940, 16.5094,
1.6321

■ 60.6447, 62.0365,
63.7288

■ 67.7256, 71.8338,
79.5441

■ 75.6550, 82.7290,
97.4896

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



40.2420, 28.2470, 25.0729



36.9083, 28.2470, 13.6321



31.0274, 28.2470, 8.6184

Triad

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



36.9083, 28.2470, 13.6321



17.1814, 28.2470, 20.7087



29.0253, 28.2470, 77.5497

Complementary

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



36.9083, 28.2470, 13.6321



35.7863, 44.9816, 72.4415

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.



23.0617, 28.2470, 74.9373



36.9083, 28.2470, 13.6321



16.8142, 28.2470, 37.2393

Square

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



36.9083, 28.2470, 13.6321



19.8988, 28.2470, 11.4900



18.8051, 28.2470, 58.2939



35.2515, 28.2470, 64.4678

Rectangle

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



36.9083, 28.2470, 13.6321



26.7792, 28.2470, 7.8000



18.8051, 28.2470, 58.2939



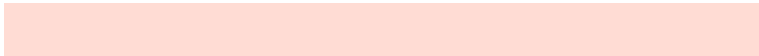
26.9167, 28.2470, 78.5705

Sweetspot

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



36.9090, 28.2485, 13.6326



78.7574, 77.3515, 72.8355



41.9567, 26.2118, 52.7171



16.4936, 16.0463, 14.7983



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.



36.9090, 28.2485, 13.6326



48.6985, 33.9160, 11.3864



46.7674, 47.9653, 16.9187



13.2659, 13.4712, 13.6266



17.9141, 10.1137, 1.0080



1.2219, 0.7779, 0.0857

Inverse Universe

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



35.7863, 44.9816, 72.4415



46.8198, 59.9667, 103.7148



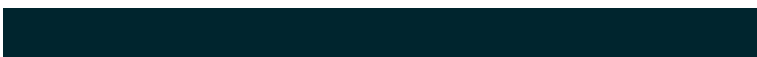
24.8544, 23.1178, 68.7975



13.2121, 14.3639, 16.7283



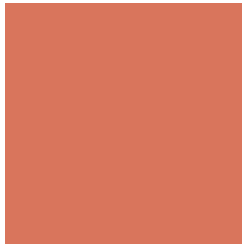
16.7725, 21.4145, 42.9878



1.1440, 1.5021, 2.8041

Previews

White Background



This preview shows how the XYZ color 36.9083, 28.2470, 13.6321 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 36.9083, 28.2470, 13.6321 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 36.9083, 28.2470, 13.6321

Background



This preview shows how black text looks on a background with the XYZ color 36.9083, 28.2470, 13.6321.



This preview shows how white text looks on a background with the XYZ color 36.9083, 28.2470,

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

36.9083, 28.2470, 13.6321

Protanopia

26.4782, 28.3982, 16.9178

Deuteranopia

28.8986, 28.3999, 13.1911



Tritanopia

38.5697, 28.2508, 21.5093

Trichromacy



Original Color

36.9083, 28.2470, 13.6321

Protanomaly

29.5065, 27.8125, 15.6176

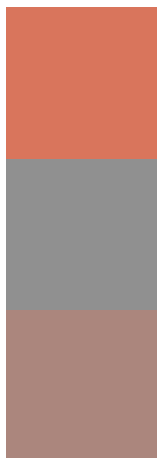
Deuteranomaly

31.4053, 28.0302, 13.2063

Tritanomaly

37.7452, 28.0658, 18.1797

Monochromacy



Original Color

36.9083, 28.2470, 13.6321

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.0214, 27.1888, 23.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9083, 28.2470, 13.6321 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, 117, 92)` looks like.

```
.text, #text, p{  
    color:rgb(217, 117, 92)  
}
```

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, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 117, 92) }
```

Border

The CSS property to change the border of an element to XYZ 36.9083, 28.2470, 13.6321 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, 117, 92) }
```


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

```
.border{ border-color:rgb(217, 117, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 117, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(217, 117,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9083, 28.2470, 13.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 117, 92) }
```

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

```
.background{ background-color: rgb(217,  
117, 92) }
```

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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