

Converting Colors

XYZ(36.0706, 27.8974, 16.0880)

Have a look what the booklet for
XYZ(36.0706, 27.8974, 16.0880)
contains.

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Color

**XYZ(36.0281, 27.9132,
16.0593)**

Conversions

Conversions Part 1

Format	Color
Hex	D47666
RGB	212, 118, 102
RGB Percent	83%, 46%, 40%
CMY	0.1686, 0.5372, 0.6000
CMYK	0.00, 0.44, 0.52, 0.17
HSL	9°, 56%, 62%
HSV	9°, 52%, 83%
XYZ	36.0281, 27.9132, 16.0593
YIQ	144.2820, 61.1600, 14.9520

Conversions

Conversions Part 2

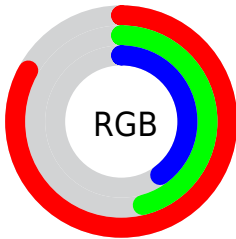
Format	Color
R _Y B	212, 121, 102
Decimal	13923942
CIE Lab	59.81, 35.09, 25.04
CIE LCh	60, 43.106, 35.509
Yxy	27.9132, 0.4503, 0.3489
Android (android.graphics.Color)	4292114022 (0xFFD47666)
YUV	144.2820, -20.8450, 59.3887
Hunter-Lab	52.8329, 29.2659, 18.9611

Details

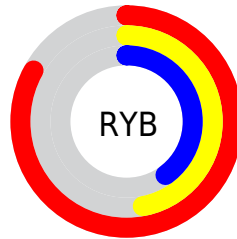
The XYZ color **36.0281, 27.9132, 16.0593** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.1020, 47.0559, 69.4144**, and the grayscale version is **26.6879, 28.0777, 30.5766**.

A 20% lighter version of the original color is **61.5527, 52.6857, 37.0622**, and **15.8336, 11.0624, 4.9152** is the 20% darker color. If you saturate the color by 10%, you get **33.1758, 23.6815, 10.5680**, and if you desaturate by 10%, it is **39.5603, 33.0747, 23.1040**.

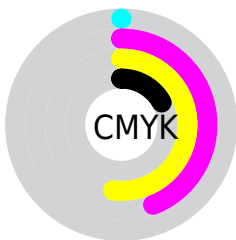
Distribution



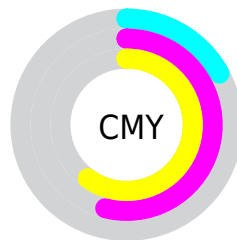
- Red (83%)
- Green (46%)
- Blue (40%)



- Red (83%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (52%)
- Black (17%)





- Cyan (17%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0281, 27.9132, 16.0593 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 36.0281, 27.9132, 16.0593 by changing the saturation by 10% instead.


 36.0281, 27.9132,
16.0593


 36.0281, 27.9132,
16.0593


320.5124,
292.0519, 241.5490


 24.6261, 18.2602,
9.4113


 68.3990, 56.3458,
37.4693

 15.9260, 11.1370,
4.9100


 90.0987, 75.8943,
53.0685

 9.5623, 6.1590,
2.1367


 115.9616, 99.5100,
72.4884

 5.1697, 2.9420,
0.6375

 146.3531,
127.5775, 96.1477

 2.3830, 1.1015,
0.0000

181.6386,
160.4810, 124.4649

 0.8366, 0.0000,
0.0000

222.1834,

 0.0000, 0.0000,

198.6050, 157.8584

0.0000

268.3529,
242.3338, 196.7470

■ 36.0281, 27.9132,
16.0593

■ 36.0281, 27.9132,
16.0593

■ 33.1758, 23.6815,
10.5680

■ 39.5603, 33.0747,
23.1040

■ 30.9568, 20.3198,
6.5104

■ 43.8108, 39.2124,
31.8062

■ 29.3220, 17.7681,
3.7520

■ 48.8173, 46.3748,
42.2631

■ 28.2134, 15.9567,
2.1316

■ 54.6145, 54.6061,
54.5637

■ 27.6373, 14.9690,
1.4327

■ 61.2349, 63.9476,
68.7909

■ 68.7089, 74.4386,
85.0227

■ 77.0656, 86.1164,
103.3328

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



38.4139, 27.9132, 27.5965



36.0281, 27.9132, 16.0593



31.1256, 27.9132, 10.4195

Triad

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



36.0281, 27.9132, 16.0593



18.0770, 27.9132, 19.5539



27.5514, 27.9132, 71.2238

Complementary

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



36.0281, 27.9132, 16.0593



37.1020, 47.0559, 69.4144

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.



22.4118, 27.9132, 66.7909



36.0281, 27.9132, 16.0593



17.3919, 27.9132, 33.3718

Square

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



36.0281, 27.9132, 16.0593



20.8876, 27.9132, 11.8984



18.8688, 27.9132, 51.4172



33.1082, 27.9132, 62.0293

Rectangle

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



36.0281, 27.9132, 16.0593



27.3613, 27.9132, 9.1912



18.8688, 27.9132, 51.4172



25.7170, 27.9132, 71.3060

Sweetspot

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



36.0288, 27.9146, 16.0598



79.0322, 77.3833, 74.5234



42.0191, 27.5465, 56.1261



16.5259, 16.0090, 15.1235



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.



36.0288, 27.9146, 16.0598



50.0979, 35.5310, 15.5025



44.2389, 44.3348, 18.7965



12.5676, 12.7094, 12.9515



17.1065, 9.3303, 0.8993



1.0795, 0.6581, 0.0701

Inverse Universe

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



37.1020, 47.0559, 69.4144



51.8247, 67.4671, 104.8987



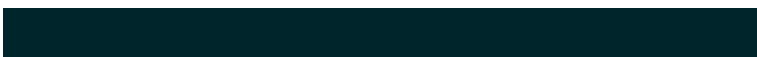
27.0860, 27.0238, 66.0757



12.6310, 13.7855, 15.9327



17.6139, 23.4896, 42.0588



1.1054, 1.5028, 2.5511

Previews

White Background



This preview shows how the XYZ color 36.0281, 27.9132, 16.0593 looks on a white background.

Color Contrast Check

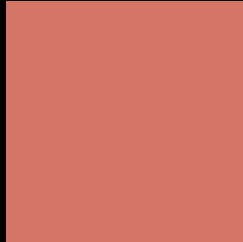
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0281, 27.9132, 16.0593 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 36.0281, 27.9132, 16.0593

Background



This preview shows how black text looks on a background with the XYZ color 36.0281, 27.9132, 16.0593.



This preview shows how white text looks on a background with the XYZ color 36.0281, 27.9132,

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

36.0281, 27.9132, 16.0593

Protanopia

26.3369, 28.0314, 19.9421

Deuteranopia

28.5267, 27.9430, 15.4453



Tritanopia

37.4374, 27.9877, 22.1679

Trichromacy



Original Color

36.0281, 27.9132, 16.0593

Protanomaly

29.1576, 27.5677, 18.5362

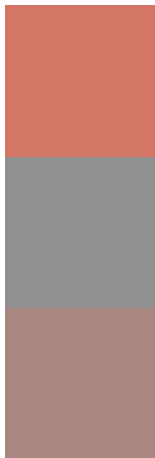
Deuteranomaly

30.8619, 27.6982, 15.5241

Tritanomaly

36.7805, 27.8747, 19.6615

Monochromacy



Original Color

36.0281, 27.9132, 16.0593

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.9886, 27.3479, 24.5197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0281, 27.9132, 16.0593 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(212, 118, 102)` looks like.

```
.text, #text, p{  
    color:rgb(212, 118, 102)  
}
```

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(212, 118, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 118, 102) }
```

Border

The CSS property to change the border of an element to XYZ 36.0281, 27.9132, 16.0593 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(212, 118, 102) }
```


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

```
.border{ border-color:rgb(212, 118, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 118, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 118, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 118, 102);  
box-shadow:4px 4px 4px 4px rgb(212, 118,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0281, 27.9132, 16.0593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 118, 102) }
```

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

```
.background{ background-color: rgb(212,  
118, 102) }
```

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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