

Converting Colors

XYZ(36.1963, 27.9574, 16.0907)

Have a look what the booklet for
XYZ(36.1963, 27.9574, 16.0907)
contains.

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Color

**XYZ(36.3173, 28.0623,
16.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	D57666
RGB	213, 118, 102
RGB Percent	84%, 46%, 40%
CMY	0.1647, 0.5372, 0.6000
CMYK	0.00, 0.45, 0.52, 0.16
HSL	9°, 57%, 62%
HSV	9°, 52%, 84%
XYZ	36.3173, 28.0623, 16.0728
YIQ	144.5810, 61.7560, 15.1640

Conversions

Conversions Part 2

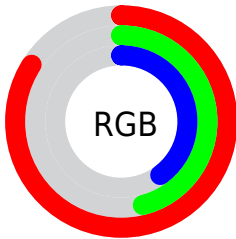
Format	Color
R_{YB}	213, 121, 102
Decimal	13989478
CIE _{Lab}	59.94, 35.47, 25.24
CIE _{LCh}	60, 43.537, 35.432
Yxy	28.0623, 0.4514, 0.3488
Android (android.graphics.Color)	4292179558 (0xFFD57666)
YUV	144.5810, -20.9924, 60.0035
Hunter-Lab	52.9739, 29.6700, 19.0925

Details

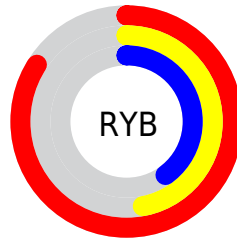
The XYZ color **36.3173, 28.0623, 16.0728** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4549, 47.5590, 70.1564**, and the grayscale version is **26.8093, 28.2055, 30.7158**.

A 20% lighter version of the original color is **61.7423, 53.0650, 37.1254**, and **16.0232, 11.1602, 4.9240** is the 20% darker color. If you saturate the color by 10%, you get **33.4504, 23.8074, 10.5582**, and if you desaturate by 10%, it is **39.8718, 33.2583, 23.1558**.

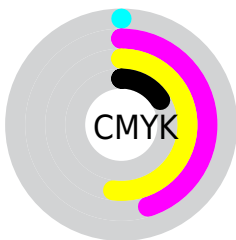
Distribution



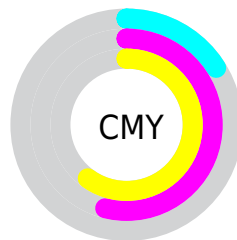
- Red (84%)
- Green (46%)
- Blue (40%)



- Red (84%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (45%)
- Yellow (52%)
- Black (16%)




- Cyan (16%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3173, 28.0623, 16.0728 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 36.3173, 28.0623, 16.0728 by changing the saturation by 10% instead.


 36.3173, 28.0623,
16.0728


 36.3173, 28.0623,
16.0728


321.7524,
292.7645, 241.6313


 24.8506, 18.3726,
9.4208


 68.8422, 56.5839,
37.4931

 16.0939, 11.2178,
4.9161


 90.6311, 76.1846,
53.0984

 9.6819, 6.2136,
2.1402


 116.5915, 99.8578,
72.5253

 5.2492, 2.9754,
0.6396

 147.0886,
127.9878, 96.1922

 2.4305, 1.1189,
0.0000

182.4879,
160.9591, 124.5177

 0.8603, 0.0000,
0.0000

223.1548,

 0.0000, 0.0000,

199.1561, 157.9204

0.0000

269.4545,
242.9631, 196.8187

■ 36.3173, 28.0623,
16.0728

■ 36.3173, 28.0623,
16.0728

■ 33.4504, 23.8074,
10.5582

■ 39.8718, 33.2583,
23.1558

■ 31.2237, 20.4328,
6.4907

■ 44.1529, 39.4427,
31.9131

■ 29.5873, 17.8773,
3.7335

■ 49.1990, 46.6649,
42.4429

■ 28.4820, 16.0697,
2.1228

■ 55.0452, 54.9697,
54.8356

■ 27.9230, 15.1111,
1.4450

■ 61.7246, 64.3992,
69.1752

■ 69.2682, 74.9934,
85.5408

■ 77.7054, 86.7902,
104.0069

■ 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



38.7314, 28.0623, 27.7598



36.3173, 28.0623, 16.0728



31.3463, 28.0623, 10.3732

Triad

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



36.3173, 28.0623, 16.0728



18.1172, 28.0623, 19.5541



27.6925, 28.0623, 72.0478

Complementary

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



36.3173, 28.0623, 16.0728



37.4549, 47.5590, 70.1564

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.



22.4878, 28.0623, 67.5012



36.3173, 28.0623, 16.0728



17.4188, 28.0623, 33.5320

Square

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



36.3173, 28.0623, 16.0728



20.9662, 28.0623, 11.8416



18.9068, 28.0623, 51.8492



33.3299, 28.0623, 62.7246

Rectangle

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



36.3173, 28.0623, 16.0728



27.5290, 28.0623, 9.1307



18.9068, 28.0623, 51.8492



25.8337, 28.0623, 72.1188

Sweetspot

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



36.3180, 28.0637, 16.0733



79.0182, 77.3553, 74.5187



42.4081, 27.7355, 56.6654



16.5226, 16.0024, 15.1224



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.



36.3180, 28.0637, 16.0733



49.6975, 34.9172, 14.7926



44.6486, 44.7249, 18.8502



12.5663, 12.7068, 12.9511



17.1018, 9.3209, 0.8977



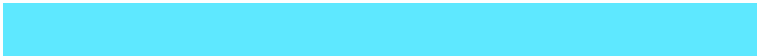
1.0788, 0.6569, 0.0699

Inverse Universe

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



37.4549, 47.5590, 70.1564



51.5124, 67.2389, 104.8712



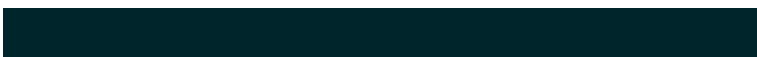
27.2674, 27.1841, 66.7605



12.6325, 13.7884, 15.9331



17.6484, 23.5586, 42.0703



1.1072, 1.5063, 2.5517

Previews

White Background



This preview shows how the XYZ color 36.3173, 28.0623, 16.0728 looks on a white background.

Color Contrast Check

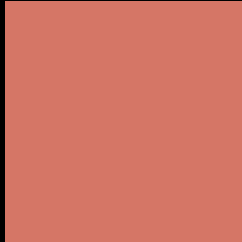
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3173, 28.0623, 16.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

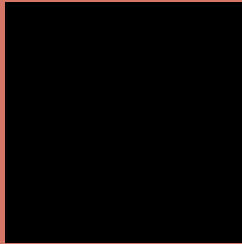
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3173, 28.0623, 16.0728

Background



This preview shows how black text looks on a background with the XYZ color 36.3173, 28.0623, 16.0728.



This preview shows how white text looks on a background with the XYZ color 36.3173, 28.0623,

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

36.3173, 28.0623, 16.0728

Protanopia

26.4891, 28.3357, 19.9928

Deuteranopia

28.6708, 28.2313, 15.4933



Tritanopia

37.7302, 28.1386, 22.1816

Trichromacy



Original Color

36.3173, 28.0623, 16.0728

Protanomaly

29.1576, 27.5677, 18.5362

Deuteranomaly

31.1075, 27.8248, 15.5356

Tritanomaly

37.0715, 28.0247, 19.6751

Monochromacy



Original Color

36.3173, 28.0623, 16.0728

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.2040, 27.4590, 24.5298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3173, 28.0623, 16.0728 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(213, 118, 102)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 118, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 118, 102) }
```

Border

The CSS property to change the border of an element to XYZ 36.3173, 28.0623, 16.0728 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(213, 118, 102) }
```


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

```
.border{ border-color:rgb(213, 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(213, 118, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 118, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 118, 102);  
box-shadow:4px 4px 4px 4px rgb(213, 118,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3173, 28.0623, 16.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 118, 102) }
```

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

```
.background{ background-color: rgb(213,  
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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