

Converting Colors

XYZ(36.4455, 28.1282, 13.8643)

Have a look what the booklet for
XYZ(36.4455, 28.1282, 13.8643)
contains.

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Color

**XYZ(36.4785, 28.1943,
13.8753)**

Conversions

Conversions Part 1

Format	Color
Hex	D7765D
RGB	215, 118, 93
RGB Percent	84%, 46%, 36%
CMY	0.1569, 0.5372, 0.6353
CMYK	0.00, 0.45, 0.57, 0.16
HSL	12°, 60%, 60%
HSV	12°, 57%, 84%
XYZ	36.4785, 28.1943, 13.8753
YIQ	144.1530, 65.8370, 12.7890

Conversions

Conversions Part 2

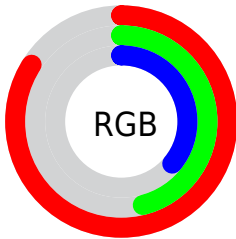
Format	Color
R_{YB}	215, 124, 93
Decimal	14120541
CIE Lab	60.06, 35.50, 30.50
CIE LCh	60, 46.801, 40.669
Yxy	28.1943, 0.4644, 0.3589
Android (android.graphics.Color)	4292310621 (0xFFD7765D)
YUV	144.1530, -25.2184, 62.1328
Hunter-Lab	53.0983, 29.7073, 21.6755

Details

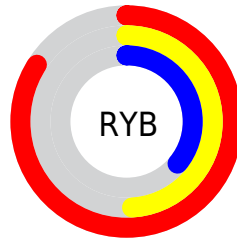
The XYZ color **36.4785, 28.1943, 13.8753** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **35.1920, 44.0575, 70.9386**, and the grayscale version is **26.6516, 28.0396, 30.5351**.

A 20% lighter version of the original color is **60.8370, 52.3994, 33.2932**, and **16.2106, 11.2795, 3.9075** is the 20% darker color. If you saturate the color by 10%, you get **33.8229, 24.1990, 8.9341**, and if you desaturate by 10%, it is **39.7679, 33.0292, 20.3487**.

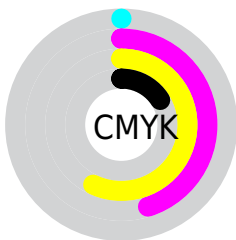
Distribution



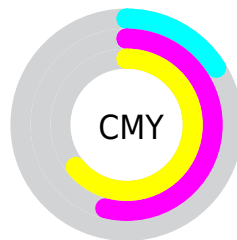
- Red (84%)
- Green (46%)
- Blue (36%)



- Red (84%)
- Yellow (49%)
- Blue (36%)



- Cyan (0%)
- Magenta (45%)
- Yellow (57%)
- Black (16%)





- Cyan (16%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4785, 28.1943, 13.8753 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 36.4785, 28.1943, 13.8753 by changing the saturation by 10% instead.


 36.4785, 28.1943,
13.8753


 36.4785, 28.1943,
13.8753


322.4421,
293.3942, 227.8551


 24.9758, 18.4722,
7.8962


 69.0890, 56.7945,
33.5815

 16.1877, 11.2895,
3.9418


 90.9276, 76.4414,
48.1458

 9.7487, 6.2619,
1.5935


 116.9421,
100.1653, 66.4088

 5.2937, 3.0050,
0.2862

 147.4980,
128.3506, 88.7892

 2.4571, 1.1343,
0.0000

182.9606,
161.3818, 115.7055

 0.8737, 0.0071,
0.0000

223.6952,

 0.0000, 0.0000,

199.6432, 147.5762

0.0000

270.0672,
243.5192, 184.8199

■ 36.4785, 28.1943,
13.8753

■ 36.4785, 28.1943,
13.8753

■ 33.8229, 24.1990,
8.9341

■ 39.7679, 33.0292,
20.3487

■ 31.7563, 20.9901,
5.3955

■ 43.7277, 38.7438,
28.4664

■ 30.2308, 18.5152,
3.1108

■ 48.3940, 45.3810,
38.3317

■ 29.1875, 16.7124,
1.8885

■ 53.7998, 52.9795,
50.0387

■ 28.9273, 16.2534,
1.6126

■ 59.9757, 61.5759,
63.6751

■ 66.9509, 71.2047,
79.3228

■ 74.7527, 81.8988,
97.0590

■ 81.7550, 93.0286,
108.2551

■ 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.



39.7313, 28.1943, 25.0071



36.4785, 28.1943, 13.8753



30.7789, 28.1943, 8.9569

Triad

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



36.4785, 28.1943, 13.8753



17.3621, 28.1943, 21.0541



28.9792, 28.1943, 75.6474

Complementary

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



36.4785, 28.1943, 13.8753



35.1920, 44.0575, 70.9386

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.



23.1758, 28.1943, 73.3279



36.4785, 28.1943, 13.8753



17.0284, 28.1943, 37.1946

Square

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



36.4785, 28.1943, 13.8753



19.9932, 28.1943, 11.9092



19.0020, 28.1943, 57.4848



34.9939, 28.1943, 62.9834

Rectangle

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



36.4785, 28.1943, 13.8753



26.6640, 28.1943, 8.1673



19.0020, 28.1943, 57.4848



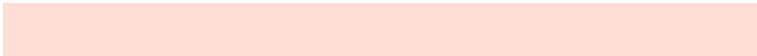
26.9321, 28.1943, 76.6847

Sweetspot

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



36.4792, 28.1958, 13.8758



78.8135, 77.4637, 72.8542



41.2985, 26.0198, 51.9052



16.5067, 16.0726, 14.8027



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.



36.4792, 28.1958, 13.8758



49.1256, 34.6187, 11.9959



46.0000, 47.2374, 17.0494



12.6274, 12.8290, 12.9714



17.3635, 9.8443, 0.9850



1.1074, 0.7141, 0.0795

Inverse Universe

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



35.1920, 44.0575, 70.9386



46.9463, 59.8985, 103.6950



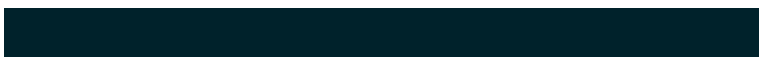
24.7095, 23.0926, 67.4445



12.5660, 13.6554, 15.9110



16.1168, 20.4953, 41.5597



1.0279, 1.3478, 2.5253

Previews

White Background



This preview shows how the XYZ color 36.4785, 28.1943, 13.8753 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 36.4785, 28.1943, 13.8753 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 36.4785, 28.1943, 13.8753

Background



This preview shows how black text looks on a background with the XYZ color 36.4785, 28.1943, 13.8753.



This preview shows how white text looks on a background with the XYZ color 36.4785, 28.1943,

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

36.4785, 28.1943, 13.8753

Protanopia

26.3344, 28.3182, 17.1747

Deuteranopia

28.9403, 28.4166, 13.4108



Tritanopia

38.1454, 28.1915, 21.8434

Trichromacy



Original Color

36.4785, 28.1943, 13.8753

Protanomaly

29.0957, 27.5952, 15.8495

Deuteranomaly

31.1970, 27.9179, 13.4173

Tritanomaly

37.3189, 28.0081, 18.4781

Monochromacy



Original Color

36.4785, 28.1943, 13.8753

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.9432, 27.3547, 23.1565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4785, 28.1943, 13.8753 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, 118, 93)` looks like.

```
.text, #text, p{  
    color:rgb(215, 118, 93)  
}
```

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, 118, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 118, 93) }
```

Border

The CSS property to change the border of an element to XYZ 36.4785, 28.1943, 13.8753 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, 118, 93) }
```


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

```
.border{ border-color:rgb(215, 118, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 118, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 118, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 118, 93);  
box-shadow:4px 4px 4px 4px rgb(215, 118,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4785, 28.1943, 13.8753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 118, 93) }
```

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

```
.background{ background-color: rgb(215,  
118, 93) }
```

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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