

Converting Colors

XYZ(36.3066, 27.2619, 18.9821)

Have a look what the booklet for
XYZ(36.3066, 27.2619, 18.9821)
contains.

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Color

**XYZ(36.4385, 27.3730,
18.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	D57271
RGB	213, 114, 113
RGB Percent	84%, 45%, 44%
CMY	0.1647, 0.5529, 0.5569
CMYK	0.00, 0.46, 0.47, 0.16
HSL	1°, 54%, 64%
HSV	1°, 47%, 84%
XYZ	36.4385, 27.3730, 18.9858
YIQ	143.4870, 59.3250, 20.6770

Conversions

Conversions Part 2

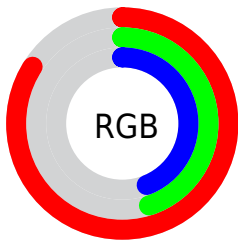
Format	Color
R _Y B	213, 114, 113
Decimal	13988465
CIE Lab	59.32, 38.58, 18.12
CIE LCh	59, 42.625, 25.164
Yxy	27.3730, 0.4401, 0.3306
Android (android.graphics.Color)	4292178545 (0xFFD57271)
YUV	143.4870, -15.0301, 60.9629
Hunter-Lab	52.3192, 32.7604, 15.1081

Details

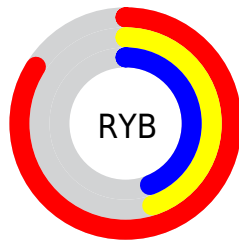
The XYZ color **36.4385, 27.3730, 18.9858** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.3625, 55.3990, 71.4109**, and the grayscale version is **26.3456, 27.7176, 30.1845**.

A 20% lighter version of the original color is **62.0342, 51.9819, 42.3613**, and **16.2492, 10.9052, 6.2495** is the 20% darker color. If you saturate the color by 10%, you get **33.2666, 22.7283, 12.6905**, and if you desaturate by 10%, it is **40.4414, 33.2294, 26.9469**.

Distribution



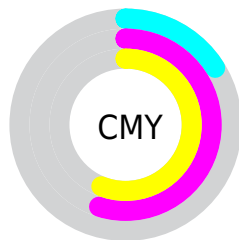
- Red (84%)
- Green (45%)
- Blue (44%)



- Red (84%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4385, 27.3730, 18.9858 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 36.4385, 27.3730, 18.9858 by changing the saturation by 10% instead.


 36.4385, 27.3730,
18.9858


 36.4385, 27.3730,
18.9858


322.2710,
289.4586, 258.7905


 24.9447, 17.8536,
11.4833


 69.0278, 55.4818,
42.5465


 16.1644, 10.8449,
6.2747

 90.8540, 74.8400,
59.4418

 9.7321, 5.9626,
2.9413


 116.8551, 98.2466,
80.3050

 5.2826, 2.8224,
1.0648

 147.3964,
126.0859, 105.5549

 2.4505, 1.0397,
0.0000

182.8433,
158.7423, 135.6098

 0.8704, 0.0000,
0.0000

223.5612,

 0.0000, 0.0000,

196.6003, 170.8883

0.0000

269.9153,
240.0443, 211.8090

■ 36.4385, 27.3730,
18.9858

■ 36.4385, 27.3730,
18.9858

■ 33.2666, 22.7283,
12.6905

■ 40.4414, 33.2294,
26.9469

■ 30.8654, 19.2067,
7.9414

■ 45.3258, 40.3696,
36.6788

■ 29.1699, 16.7145,
4.6057


■ 51.1407, 48.8651,
48.2797


■ 28.1035, 15.1406,
2.5274


■ 57.9308, 58.7808,
61.8402

■ 27.5692, 14.3465,
1.5028

■ 65.7380, 70.1775,
77.4449

 27.4637, 14.1926,
1.2919

 74.6017, 83.1126,
95.1736

 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.



37.6229, 27.3730, 32.3481



36.4385, 27.3730, 18.9858



32.3212, 27.3730, 11.6223

Triad

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



36.4385, 27.3730, 18.9858



18.4798, 27.3730, 15.9863



25.1627, 27.3730, 69.6574

Complementary

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



36.4385, 27.3730, 18.9858



42.3625, 55.3990, 71.4109

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.



20.5913, 27.3730, 60.9670



36.4385, 27.3730, 18.9858



17.0835, 27.3730, 27.3979

Square

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



36.4385, 27.3730, 18.9858



21.8985, 27.3730, 10.3509



17.8004, 27.3730, 44.1068



30.6225, 27.3730, 65.0420

Rectangle

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



36.4385, 27.3730, 18.9858



28.7305, 27.3730, 9.4836



17.8004, 27.3730, 44.1068



23.4804, 27.3730, 68.1295

Sweetspot

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



36.4392, 27.3744, 18.9863



79.5695, 77.3978, 77.9706



45.3559, 30.7606, 66.4975



16.5779, 15.9044, 15.7841



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.



36.4392, 27.3744, 18.9863



50.1521, 34.3869, 19.3817



43.5184, 41.5329, 21.3460



12.4332, 12.4406, 12.9067



16.7806, 8.6784, 0.7907



1.0157, 0.5306, 0.0489

Inverse Universe

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



42.3625, 55.3990, 71.4109



60.0613, 81.2853, 107.1318



31.9176, 34.5094, 67.9293



12.7810, 14.0854, 15.9826



21.5490, 31.3598, 43.3704



1.3033, 1.8985, 2.6171

Previews

White Background



This preview shows how the XYZ color 36.4385, 27.3730, 18.9858 looks on a white background.

Color Contrast Check

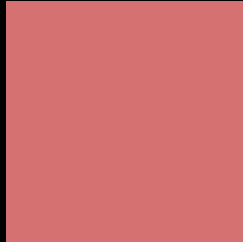
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4385, 27.3730, 18.9858 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 36.4385, 27.3730, 18.9858

Background



This preview shows how black text looks on a background with the XYZ color 36.4385, 27.3730, 18.9858.



This preview shows how white text looks on a background with the XYZ color 36.4385, 27.3730,

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

36.4385, 27.3730, 18.9858

Protanopia

26.2309, 27.6613, 24.0353

Deuteranopia

27.8544, 27.3203, 18.2733



Tritanopia

37.0879, 27.4869, 21.4399

Trichromacy



Original Color

36.4385, 27.3730, 18.9858

Protanomaly

28.9977, 26.7919, 22.0554

Deuteranomaly

30.4319, 27.0166, 18.3627

Tritanomaly

36.9067, 27.4144, 20.4859

Monochromacy



Original Color

36.4385, 27.3730, 18.9858

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.5646, 26.4933, 25.4380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4385, 27.3730, 18.9858 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, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(213, 114, 113)  
}
```

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, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 114, 113) }
```

Border

The CSS property to change the border of an element to XYZ 36.4385, 27.3730, 18.9858 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, 114, 113) }
```


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

```
.border{ border-color:rgb(213, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(213, 114,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4385, 27.3730, 18.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 114, 113) }
```

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

```
.background{ background-color: rgb(213,  
114, 113) }
```

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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