

Converting Colors

XYZ(35.8716, 27.3277, 15.4407)

Have a look what the booklet for
XYZ(35.8716, 27.3277, 15.4407)
contains.

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Color

**XYZ(35.8716, 27.3277,
15.4407)**

Conversions

Conversions Part 1

Format	Color
Hex	D57364
RGB	213, 115, 100
RGB Percent	84%, 45%, 39%
CMY	0.1647, 0.5490, 0.6078
CMYK	0.00, 0.46, 0.53, 0.16
HSL	8°, 57%, 61%
HSV	8°, 53%, 84%
XYZ	35.8716, 27.3277, 15.4407
YIQ	142.5920, 63.2230, 16.1110

Conversions

Conversions Part 2

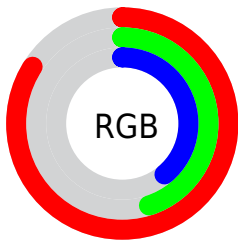
Format	Color
R_{YB}	213, 117, 100
Decimal	13988708
CIE Lab	59.28, 36.87, 25.49
CIE LCh	59, 44.820, 34.663
Yxy	27.3277, 0.4561, 0.3475
Android (android.graphics.Color)	4292178788 (0xFFD57364)
YUV	142.5920, -20.9979, 61.7478
Hunter-Lab	52.2759, 31.0034, 19.0807

Details

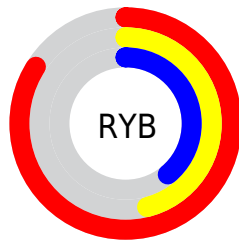
The XYZ color **35.8716, 27.3277, 15.4407** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.4587, 47.8992, 70.2219**, and the grayscale version is **26.0099, 27.3645, 29.7999**.

A 20% lighter version of the original color is **60.8285, 51.4996, 36.0126**, and **15.8024, 10.7939, 4.6187** is the 20% darker color. If you saturate the color by 10%, you get **33.0728, 23.1699, 10.0693**, and if you desaturate by 10%, it is **39.3633, 32.4402, 22.3730**.

Distribution



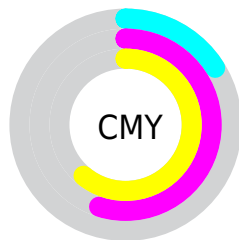
- Red (84%)
- Green (45%)
- Blue (39%)



- Red (84%)
- Yellow (46%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8716, 27.3277, 15.4407 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 35.8716, 27.3277, 15.4407 by changing the saturation by 10% instead.


 35.8716, 27.3277,
15.4407


 35.8716, 27.3277,
15.4407

319.8400,
289.2403, 237.7503


 24.5047, 17.8195,
8.9792


 68.1590, 55.4093,
36.3776

 15.8352, 10.8205,
4.6310


 89.8102, 74.7514,
51.6902

 9.4977, 5.9462,
1.9775


 115.6202, 98.1403,
70.7901

 5.1269, 2.8124,
0.5414

 145.9544,
125.9604, 94.0961

 2.3574, 1.0346,
0.0000

181.1782,
158.5961, 122.0265

 0.8238, 0.0000,
0.0000

221.6568,

 0.0000, 0.0000,

196.4317, 155.0000

0.0000

267.7556,
239.8516, 193.4351

■ 35.8716, 27.3277,
15.4407

■ 35.8716, 27.3277,
15.4407

■ 33.0728, 23.1699,
10.0693

■ 39.3633, 32.4402,
22.3730

■ 30.9180, 19.9033,
6.1357

■ 43.5883, 38.5572,
30.9733

■ 29.3551, 17.4632,
3.5007

■ 48.5862, 45.7304,
41.3411

■ 28.3224, 15.7742,
1.9965

■ 54.3932, 54.0063,
53.5676

■ 27.8626, 14.9902,
1.4249

■ 61.0432, 63.4289,
67.7377

■ 68.5681, 74.0397,
83.9311

■ 76.9983, 85.8782,
102.2229

■ 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.



38.2472, 27.3277, 27.3190



35.8716, 27.3277, 15.4407



30.8582, 27.3277, 9.6851

Triad

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



35.8716, 27.3277, 15.4407



17.4098, 27.3277, 18.4166



26.8590, 27.3277, 72.2688

Complementary

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



35.8716, 27.3277, 15.4407



37.4587, 47.8992, 70.2219

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.



21.6347, 27.3277, 67.2176



35.8716, 27.3277, 15.4407



16.6552, 27.3277, 32.3322

Square

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



35.8716, 27.3277, 15.4407



20.3206, 27.3277, 10.9199



18.0885, 27.3277, 50.9569



32.5896, 27.3277, 62.9948

Rectangle

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



35.8716, 27.3277, 15.4407



26.9883, 27.3277, 8.4060



18.0885, 27.3277, 50.9569



24.9857, 27.3277, 72.2117

Sweetspot

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



35.8723, 27.3291, 15.4412



78.8962, 77.1113, 74.4780



42.4017, 27.4222, 57.5895



16.4939, 15.9451, 15.1128



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.



35.8723, 27.3291, 15.4412



49.1209, 33.9450, 14.0425



44.0563, 43.6972, 18.1692



12.5549, 12.6840, 12.9472



17.0622, 9.2415, 0.8845



1.0735, 0.6462, 0.0681

Inverse Universe

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



37.4587, 47.8992, 70.2219



51.6757, 67.9490, 104.9996



27.1360, 27.2538, 66.7810



12.6450, 13.8134, 15.9373



17.9518, 24.1654, 42.1714



1.1227, 1.5374, 2.5569

Previews

White Background



This preview shows how the XYZ color 35.8716, 27.3277, 15.4407 looks on a white background.

Color Contrast Check

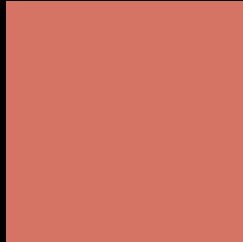
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8716, 27.3277, 15.4407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

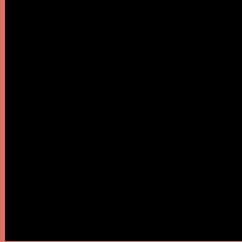
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8716, 27.3277, 15.4407

Background



This preview shows how black text looks on a background with the XYZ color 35.8716, 27.3277, 15.4407.



This preview shows how white text looks on a background with the XYZ color 35.8716, 27.3277,

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

35.8716, 27.3277, 15.4407

Protanopia

25.6960, 27.4902, 19.2810

Deuteranopia

28.0702, 27.5065, 14.8962



Tritanopia

36.9159, 27.2405, 21.0816

Trichromacy



Original Color

35.8716, 27.3277, 15.4407

Protanomaly

28.5499, 26.8564, 17.8664

Deuteranomaly

30.5014, 27.1284, 14.9380

Tritanomaly

36.6173, 27.2987, 18.9620

Monochromacy



Original Color

35.8716, 27.3277, 15.4407

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.3667, 26.6322, 23.7241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8716, 27.3277, 15.4407 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, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(213, 115, 100)  
}
```

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, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 115, 100) }
```

Border

The CSS property to change the border of an element to XYZ 35.8716, 27.3277, 15.4407 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, 115, 100) }
```


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

```
.border{ border-color:rgb(213, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(213, 115,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8716, 27.3277, 15.4407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 115, 100) }
```

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

```
.background{ background-color: rgb(213,  
115, 100) }
```

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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