

Converting Colors

XYZ(35.2502, 27.0990, 14.1052)

Have a look what the booklet for
XYZ(35.2502, 27.0990, 14.1052)
contains.

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Color

**XYZ(35.3477, 27.0847,
14.1913)**

Conversions

Conversions Part 1

Format	Color
Hex	D4735F
RGB	212, 115, 95
RGB Percent	83%, 45%, 37%
CMY	0.1686, 0.5490, 0.6274
CMYK	0.00, 0.46, 0.55, 0.17
HSL	10°, 58%, 60%
HSV	10°, 55%, 83%
XYZ	35.3477, 27.0847, 14.1913
YIQ	141.7230, 64.2320, 14.3440

Conversions

Conversions Part 2

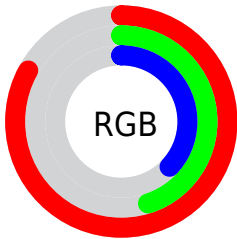
Format	Color
R _Y B	212, 119, 95
Decimal	13923167
CIE Lab	59.05, 36.06, 28.00
CIE LCh	59, 45.655, 37.825
Yxy	27.0847, 0.4613, 0.3535
Android (android.graphics.Color)	4292113247 (0xFFD4735F)
YUV	141.7230, -23.0344, 61.6329
Hunter-Lab	52.0430, 30.1624, 20.2626

Details

The XYZ color **35.3477, 27.0847, 14.1913** 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 **35.4516, 44.8834, 69.0821**, and the grayscale version is **25.6727, 27.0097, 29.4136**.

A 20% lighter version of the original color is **60.4309, 51.3406, 33.9188**, and **15.5038, 10.6525, 4.0353** is the 20% darker color. If you saturate the color by 10%, you get **32.6953, 23.1180, 9.1825**, and if you desaturate by 10%, it is **38.6457, 31.9233, 20.7093**.

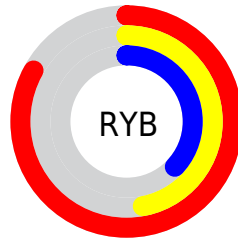
Distribution



Red (83%)

Green (45%)

Blue (37%)



Red (83%)

Yellow (47%)

Blue (37%)

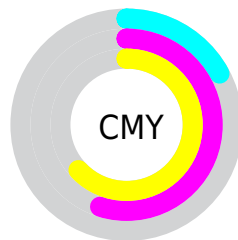


Cyan (0%)

Magenta (46%)

Yellow (55%)

Black (17%)



Cyan (17%)


Magenta (55%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3477, 27.0847, 14.1913 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 35.3477, 27.0847, 14.1913 by changing the saturation by 10% instead.


 35.3477, 27.0847,
14.1913


 35.3477, 27.0847,
14.1913


317.5816,
288.0670, 229.8874


 24.0986, 17.6368,
8.1136


 67.3545, 55.0198,
34.1501


 15.5319, 10.6896,
4.0789


 88.8430, 74.2757,
48.8682

 9.2823, 5.8585,
1.6687


 114.4753, 97.5699,
67.3035

 4.9843, 2.7592,
0.3392

 144.6168,
125.2866, 89.8746

 2.2727, 1.0074,
0.0000

179.6328,
157.8103, 117.0000

 0.7807, 0.0000,
0.0000

219.8887,

 0.0000, 0.0000,

195.5253, 149.0982

0.0000

265.7498,
238.8161, 186.5878

■ 35.3477, 27.0847,
14.1913

■ 35.3477, 27.0847,
14.1913

■ 32.6953, 23.1180,
9.1825

■ 38.6457, 31.9233,
20.7093

■ 30.6429, 19.9666,
5.5591

■ 42.6268, 37.6773,
28.8438

■ 29.1419, 17.5739,
3.1804

■ 47.3278, 44.3926,
38.6938

■ 28.1344, 15.8738,
1.8740

■ 52.7824, 52.1105,
50.3502

■ 27.7898, 15.2739,
1.4835

■ 59.0220, 60.8701,
63.8972

■ 66.0763, 70.7082,
79.4140

■ 73.9734, 81.6599,
96.9749

■ 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.



38.1209, 27.0847, 25.4417



35.3477, 27.0847, 14.1913



30.0800, 27.0847, 9.0005

Triad

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



35.3477, 27.0847, 14.1913



16.9117, 27.0847, 19.2084



27.2558, 27.0847, 72.4828

Complementary

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



35.3477, 27.0847, 14.1913



35.4516, 44.8834, 69.0821

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.



21.8447, 27.0847, 68.8691



35.3477, 27.0847, 14.1913



16.3848, 27.0847, 33.9479

Square

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



35.3477, 27.0847, 14.1913



19.6210, 27.0847, 11.0677



18.0581, 27.0847, 53.0735



33.0223, 27.0847, 61.6562

Rectangle

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



35.3477, 27.0847, 14.1913



26.1590, 27.0847, 8.0034



18.0581, 27.0847, 53.0735



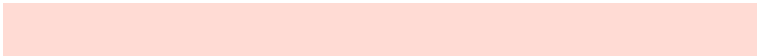
25.3318, 27.0847, 72.9723

Sweetspot

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



35.3484, 27.0861, 14.1918



78.4273, 76.6913, 72.7255



40.8136, 26.0096, 53.0294



16.4166, 15.8923, 14.7726



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.



35.3484, 27.0861, 14.1918



49.1333, 34.3137, 12.9863



44.1606, 44.7105, 17.1292



12.5932, 12.7606, 12.9600



17.2065, 9.5303, 0.9326



1.0915, 0.6821, 0.0741

Inverse Universe

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



35.4516, 44.8834, 69.0821



49.2096, 63.7460, 104.3183



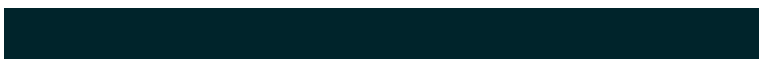
25.1282, 24.2368, 65.6410



12.6031, 13.7296, 15.9233



16.9555, 22.1728, 41.8393



1.0715, 1.4350, 2.5398

Previews

White Background



This preview shows how the XYZ color 35.3477, 27.0847, 14.1913 looks on a white background.

Color Contrast Check

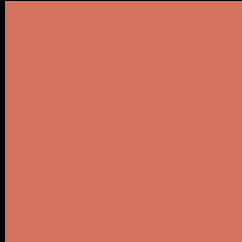
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3477, 27.0847, 14.1913 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 35.3477, 27.0847, 14.1913

Background



This preview shows how black text looks on a background with the XYZ color 35.3477, 27.0847, 14.1913.



This preview shows how white text looks on a background with the XYZ color 35.3477, 27.0847,

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

35.3477, 27.0847, 14.1913

Protanopia

25.4637, 27.1798, 17.8141

Deuteranopia

27.7057, 27.1343, 13.6747



Tritanopia

36.9159, 27.2405, 21.0816

Trichromacy



Original Color

35.3477, 27.0847, 14.1913

Protanomaly

28.1550, 26.4805, 16.4593

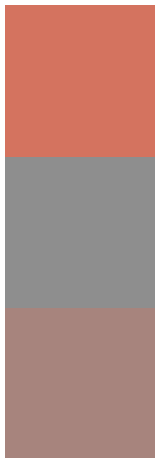
Deuteranomaly

30.1445, 26.7758, 13.7047

Tritanomaly

36.2149, 27.1041, 18.3618

Monochromacy



Original Color

35.3477, 27.0847, 14.1913

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.8893, 26.1987, 22.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3477, 27.0847, 14.1913 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, 115, 95)` looks like.

```
.text, #text, p{  
    color:rgb(212, 115, 95)  
}
```

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, 115, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 115, 95) }
```

Border

The CSS property to change the border of an element to XYZ 35.3477, 27.0847, 14.1913 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, 115, 95) }
```


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

```
.border{ border-color:rgb(212, 115, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 115, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 115, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 115, 95);  
box-shadow:4px 4px 4px 4px rgb(212, 115,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3477, 27.0847, 14.1913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 115, 95) }
```

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

```
.background{ background-color: rgb(212,  
115, 95) }
```

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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