

Converting Colors

XYZ(34.4196, 25.7257, 14.0256)

Have a look what the booklet for
XYZ(34.4196, 25.7257, 14.0256)
contains.

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Color

**XYZ(34.5055, 25.8270,
13.9929)**

Conversions

Conversions Part 1

Format	Color
Hex	D36E5F
RGB	211, 110, 95
RGB Percent	83%, 43%, 37%
CMY	0.1725, 0.5686, 0.6274
CMYK	0.00, 0.48, 0.55, 0.17
HSL	8°, 57%, 60%
HSV	8°, 55%, 83%
XYZ	34.5055, 25.8270, 13.9929
YIQ	138.4890, 65.0110, 16.7470

Conversions

Conversions Part 2

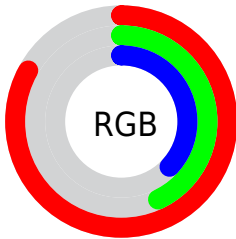
Format	Color
R _Y B	211, 112, 95
Decimal	13856351
CIE Lab	57.87, 38.27, 26.44
CIE LCh	58, 46.515, 34.637
Yxy	25.8270, 0.4642, 0.3475
Android (android.graphics.Color)	4292046431 (0xFFD36E5F)
YUV	138.4890, -21.4401, 63.5921
Hunter-Lab	50.8203, 32.2609, 19.2492

Details

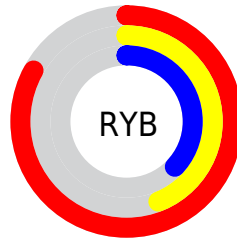
The XYZ color **34.5055, 25.8270, 13.9929** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **36.2158, 46.6133, 68.7163**, and the grayscale version is **24.4073, 25.6783, 27.9637**.

A 20% lighter version of the original color is **59.5255, 49.5297, 33.6170**, and **15.0672, 10.0251, 4.0466** is the 20% darker color. If you saturate the color by 10%, you get **31.8923, 21.9333, 9.0137**, and if you desaturate by 10%, it is **37.7906, 30.6490, 20.4778**.

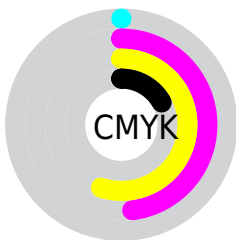
Distribution



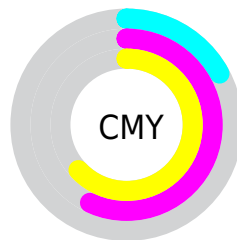
- Red (83%)
- Green (43%)
- Blue (37%)



- Red (83%)
- Yellow (44%)
- Blue (37%)



- Cyan (0%)
- Magenta (48%)
- Yellow (55%)
- Black (17%)




- Cyan (17%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5055, 25.8270, 13.9929 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 34.5055, 25.8270, 13.9929 by changing the saturation by 10% instead.


 34.5055, 25.8270,
13.9929


 34.5055, 25.8270,
13.9929

313.9266,
281.9318, 228.6136


 23.4469, 16.6943,
7.9770


 66.0581, 52.9957,
33.7934

 15.0464, 10.0167,
3.9927


 87.2828, 71.8005,
48.4151

 8.9385, 5.4101,
1.6213


 112.6270, 94.5981,
66.7424

 4.7579, 2.4898,
0.3060

 142.4559,
121.7728, 89.1940

 2.1392, 0.8715,
0.0000

177.1350,
153.7092, 116.1884

 0.7104, 0.0000,
0.0000

217.0295,

 0.0000, 0.0000,

190.7916, 148.1441

0.0000

262.5050,
233.4043, 185.4796

■ 34.5055, 25.8270,
13.9929

■ 34.5055, 25.8270,
13.9929

■ 31.8923, 21.9333,
9.0137

■ 37.7906, 30.6490,
20.4778

■ 29.9020, 18.9041,
5.4170

■ 41.7882, 36.4497,
28.5755

■ 28.4818, 16.6739,
3.0625

■ 46.5378, 43.2807,
38.3848

■ 27.5689, 15.1658,
1.7789

■ 52.0756, 51.1886,
49.9963

■ 27.2626, 14.6463,
1.3901

■ 58.4353, 60.2173,
63.4941

■ 65.6487, 70.4083,
78.9571

■ 73.7458, 81.8008,
96.4595

■ 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



36.9075, 25.8270, 25.7030



34.5055, 25.8270, 13.9929



29.4502, 25.8270, 8.4577

Triad

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



34.5055, 25.8270, 13.9929



16.0535, 25.8270, 16.8808



25.4279, 25.8270, 71.3650

Complementary

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



34.5055, 25.8270, 13.9929



36.2158, 46.6133, 68.7163

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.



20.2220, 25.8270, 66.1596



34.5055, 25.8270, 13.9929



15.3106, 25.8270, 30.6865

Square

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



34.5055, 25.8270, 13.9929



18.9268, 25.8270, 9.6259



16.7178, 25.8270, 49.5196



31.1842, 25.8270, 61.8503

Rectangle

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



34.5055, 25.8270, 13.9929



25.5670, 25.8270, 7.2479



16.7178, 25.8270, 49.5196



23.5561, 25.8270, 71.3018

Sweetspot

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



34.5061, 25.8284, 13.9934



78.8595, 77.0380, 74.4658



41.0878, 26.0861, 55.9736



16.4853, 15.9278, 15.1100



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.



34.5061, 25.8284, 13.9934



48.3605, 32.7681, 12.7287



42.6629, 42.1419, 16.7123



11.9303, 12.0512, 12.3094



16.4950, 8.9229, 0.8529



0.9638, 0.5819, 0.0615

Inverse Universe

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



36.2158, 46.6133, 68.7163



51.1562, 67.6392, 104.9672



25.7776, 25.7369, 65.2369



12.0225, 13.1352, 15.1454



17.4564, 23.5595, 40.8199



1.0133, 1.3917, 2.2948

Previews

White Background



This preview shows how the XYZ color 34.5055, 25.8270, 13.9929 looks on a white background.

Color Contrast Check

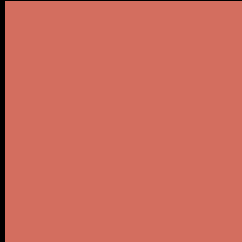
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5055, 25.8270, 13.9929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

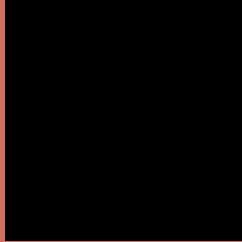
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.5055, 25.8270, 13.9929

Background



This preview shows how black text looks on a background with the XYZ color 34.5055, 25.8270, 13.9929.



This preview shows how white text looks on a background with the XYZ color 34.5055, 25.8270,

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

34.5055, 25.8270, 13.9929

Protanopia

24.3338, 25.9375, 17.9113

Deuteranopia

26.4243, 25.8552, 13.4954



Tritanopia

35.5036, 25.7502, 19.3187

Trichromacy



Original Color

34.5055, 25.8270, 13.9929

Protanomaly

27.1806, 25.1883, 16.2612

Deuteranomaly

29.0325, 25.6303, 13.5422

Tritanomaly

35.2207, 25.8049, 17.3119

Monochromacy



Original Color

34.5055, 25.8270, 13.9929

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.7491, 24.8428, 21.7977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5055, 25.8270, 13.9929 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(211, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(211, 110, 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(211, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 110, 95) }
```

Border

The CSS property to change the border of an element to XYZ 34.5055, 25.8270, 13.9929 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(211, 110, 95) }
```


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

```
.border{ border-color:rgb(211, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(211, 110,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5055, 25.8270, 13.9929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 110, 95) }
```

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

```
.background{ background-color: rgb(211,  
110, 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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