

Converting Colors

XYZ(35.4426, 25.7636, 10.3126)

Have a look what the booklet for
XYZ(35.4426, 25.7636, 10.3126)
contains.

XYZ(35.4426, 25.7636, 10.3126)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.4426, 25.7636,
10.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6A4E
RGB	218, 106, 78
RGB Percent	85%, 42%, 31%
CMY	0.1451, 0.5843, 0.6941
CMYK	0.00, 0.51, 0.64, 0.15
HSL	12°, 65%, 58%
HSV	12°, 64%, 85%
XYZ	35.4426, 25.7636, 10.3126
YIQ	136.2960, 75.7400, 15.0360

Conversions

Conversions Part 2

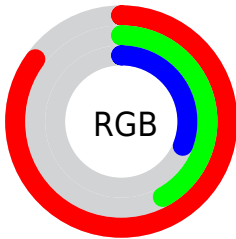
Format	Color
R_{YB}	218, 113, 78
Decimal	14314062
CIE _{Lab}	57.81, 41.73, 36.10
CIE _{LCh}	58, 55.177, 40.858
Yxy	25.7636, 0.4956, 0.3602
Android (android.graphics.Color)	4292504142 (0xFFDA6A4E)
YUV	136.2960, -28.7399, 71.6544
Hunter-Lab	50.7579, 35.8146, 23.4844

Details

The XYZ color **35.4426, 25.7636, 10.3126** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34.2087, 43.5056, 72.9236**, and the grayscale version is **23.5982, 24.8271, 27.0368**.

A 20% lighter version of the original color is **57.7071, 47.9601, 26.6378**, and **15.4845, 9.9107, 2.4633** is the 20% darker color. If you saturate the color by 10%, you get **33.1685, 22.2660, 6.3168**, and if you desaturate by 10%, it is **38.3423, 30.0985, 15.7949**.

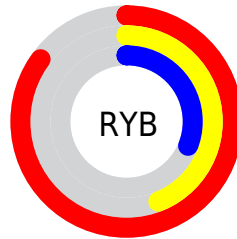
Distribution



Red (85%)

Green (42%)

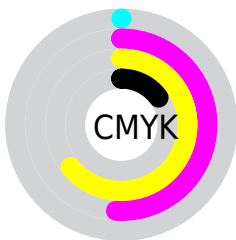
Blue (31%)



Red (85%)

Yellow (44%)

Blue (31%)

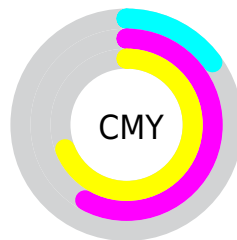


Cyan (0%)

Magenta (51%)

Yellow (64%)

Black (15%)



Cyan (15%)


Magenta (58%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4426, 25.7636, 10.3126 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 35.4426, 25.7636, 10.3126 by changing the saturation by 10% instead.

 35.4426, 25.7636,
10.3126


 35.4426, 25.7636,
10.3126


317.9915,
281.6197, 203.4540


 24.1721, 16.6469,
5.4984


 67.5004, 52.8933,
26.9988

 15.5868, 9.9830,
2.4788


 89.0184, 71.6751,
39.7079


 9.3212, 5.3877,
0.8289

 114.6830, 94.4474,
55.8856

 5.0101, 2.4765,
0.0000

 144.8594,
121.5945, 75.9507

 2.2880, 0.8648,
0.0000

 179.9132,
153.5009, 100.3215

 0.7885, 0.0000,
0.0000

220.2095,

 0.0000, 0.0000,

190.5510, 129.4166

0.0000

266.1139,
233.1291, 163.6546

■ 35.4426, 25.7636,
10.3126

■ 35.4426, 25.7636,
10.3126

■ 33.1685, 22.2660,
6.3168

■ 38.3423, 30.0985,
15.7949

■ 31.4693, 19.5461,
3.6581

■ 41.9094, 35.3165,
22.8910

■ 30.2881, 17.5430,
2.1572

■ 46.1838, 41.4651,
31.7156

■ 29.7994, 16.6778,
1.6485

■ 51.2020, 48.5871,
42.3729

■ 56.9976, 56.7225,
54.9587

■ 63.6023, 65.9092,
69.5619

■ 71.0460, 76.1830,
86.2663

■ 79.3571, 87.5782,
105.1504

■ 82.7232, 93.6453,
108.3231

Harmonies

Analogous

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



39.2519, 25.7636, 21.7247



35.4426, 25.7636, 10.3126



28.9072, 25.7636, 5.7732

Triad

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



35.4426, 25.7636, 10.3126



14.3158, 25.7636, 17.7082



26.9669, 25.7636, 81.3103

Complementary

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



35.4426, 25.7636, 10.3126



34.2087, 43.5056, 72.9236

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.



20.5430, 25.7636, 78.5687



35.4426, 25.7636, 10.3126



13.9854, 25.7636, 35.5025

Square

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



35.4426, 25.7636, 10.3126



17.0627, 25.7636, 8.5159



16.0603, 25.7636, 59.3324



33.8035, 25.7636, 65.6872

Rectangle

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



35.4426, 25.7636, 10.3126



24.2971, 25.7636, 5.0995



16.0603, 25.7636, 59.3324



24.6789, 25.7636, 82.6372

Sweetspot

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



35.4432, 25.7650, 10.3130



77.0655, 74.9790, 69.1540



40.9319, 24.0720, 51.2040



15.9944, 15.3446, 13.7175



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.



35.4432, 25.7650, 10.3130



46.3814, 30.2943, 7.4930



45.8137, 46.5060, 13.7699



13.2659, 13.4712, 13.6266



17.9141, 10.1137, 1.0080



1.2219, 0.7779, 0.0857

Inverse Universe

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



34.2087, 43.5056, 72.9236



44.3173, 57.1079, 103.2949



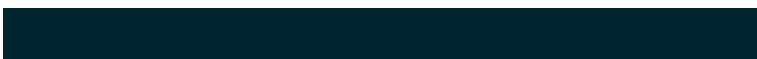
22.5133, 20.1148, 69.0251



13.2121, 14.3640, 16.7283



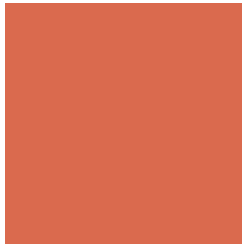
16.7725, 21.4145, 42.9878



1.1440, 1.5021, 2.8041

Previews

White Background



This preview shows how the XYZ color 35.4426, 25.7636, 10.3126 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 35.4426, 25.7636, 10.3126 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 35.4426, 25.7636, 10.3126

Background



This preview shows how black text looks on a background with the XYZ color 35.4426, 25.7636, 10.3126.



This preview shows how white text looks on a background with the XYZ color 35.4426, 25.7636,

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

35.4426, 25.7636, 10.3126

Protanopia

24.0270, 25.8788, 13.4016

Deuteranopia

26.3847, 25.9140, 9.9146



Tritanopia

37.0269, 25.8225, 17.5007

Trichromacy



Original Color

35.4426, 25.7636, 10.3126

Protanomaly

27.1736, 25.0807, 12.2130

Deuteranomaly

29.0920, 25.3653, 10.0193

Tritanomaly

36.2683, 25.6424, 14.5932

Monochromacy



Original Color

35.4426, 25.7636, 10.3126

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.1540, 24.0120, 19.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4426, 25.7636, 10.3126 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(218, 106, 78)` looks like.

```
.text, #text, p{  
    color:rgb(218, 106, 78)  
}
```

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(218, 106, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 106, 78) }
```

Border

The CSS property to change the border of an element to XYZ 35.4426, 25.7636, 10.3126 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(218, 106, 78) }
```


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

```
.border{ border-color:rgb(218, 106, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 106, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 106, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 106, 78);  
box-shadow:4px 4px 4px 4px rgb(218, 106,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4426, 25.7636, 10.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 106, 78) }
```

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

```
.background{ background-color: rgb(218,  
106, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor