

Converting Colors

XYZ(35.4031, 25.7343, 9.2637)

Have a look what the booklet for
XYZ(35.4031, 25.7343, 9.2637)
contains.

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Color

**XYZ(35.5372, 25.8360,
9.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6A48
RGB	219, 106, 72
RGB Percent	86%, 42%, 28%
CMY	0.1412, 0.5843, 0.7176
CMYK	0.00, 0.52, 0.67, 0.14
HSL	14°, 67%, 57%
HSV	14°, 67%, 86%
XYZ	35.5372, 25.8360, 9.2447
YIQ	135.9110, 78.2620, 13.3820

Conversions

Conversions Part 2

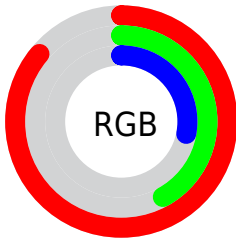
Format	Color
R_{YB}	219, 116, 72
Decimal	14379592
CIE _{Lab}	57.88, 41.75, 39.48
CIE _{LCh}	58, 57.462, 43.395
Yxy	25.8360, 0.5032, 0.3659
Android (android.graphics.Color)	4292569672 (0xFFDB6A48)
YUV	135.9110, -31.5081, 72.8691
Hunter-Lab	50.8291, 35.8474, 24.7968

Details

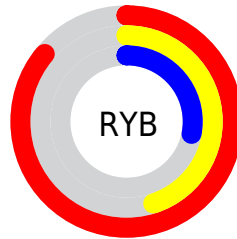
The XYZ color **35.5372, 25.8360, 9.2447** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **32.8064, 41.1876, 73.2385**, and the grayscale version is **23.4629, 24.6848, 26.8818**.

A 20% lighter version of the original color is **57.3237, 47.8068, 24.6187**, and **15.6062, 9.9820, 2.0815** is the 20% darker color. If you saturate the color by 10%, you get **33.3780, 22.4648, 5.6060**, and if you desaturate by 10%, it is **38.2925, 29.9928, 14.3374**.

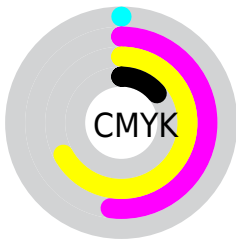
Distribution



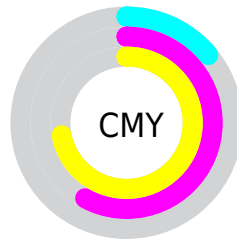
- Red (86%)
- Green (42%)
- Blue (28%)



- Red (86%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5372, 25.8360, 9.2447 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 35.5372, 25.8360, 9.2447 by changing the saturation by 10% instead.


 35.5372, 25.8360,
9.2447


 35.5372, 25.8360,
9.2447


318.3998,
281.9761, 195.4778


 24.2454, 16.7010,
4.8021


 67.6457, 53.0103,
24.9500


 15.6415, 10.0215,
2.0749


 89.1931, 71.8183,
37.0499


 9.3601, 5.4132,
0.6008


 114.8898, 94.6195,
52.5393

 5.0358, 2.4917,
0.0000

 145.1012,
121.7982, 71.8367

 2.3032, 0.8725,
0.0000

 180.1925,
153.7388, 95.3607

 0.7963, 0.0000,
0.0000

220.5291,

 0.0000, 0.0000,

190.8257, 123.5299

0.0000

266.4764,
233.4433, 156.7627

■ 35.5372, 25.8360,
9.2447

■ 35.5372, 25.8360,
9.2447

■ 33.3780, 22.4648,
5.6060

■ 38.2925, 29.9928,
14.3374

■ 31.7647, 19.8236,
3.2634

■ 41.6847, 34.9775,
21.0167

■ 30.6382, 17.8545,
2.0124

■ 45.7531, 40.8342,
29.4018

■ 30.3824, 17.3983,
1.7569

■ 50.5328, 47.6026,
39.5998

■ 56.0568, 55.3199,
51.7093

■ 62.3558, 64.0212,
65.8216

■ 69.4586, 73.7398,
82.0219

■ 77.3926, 84.5073,
100.3908

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



39.8902, 25.8360, 20.2013



35.5372, 25.8360, 9.2447



28.5544, 25.8360, 5.1472

Triad

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



35.5372, 25.8360, 9.2447



13.8936, 25.8360, 18.5939



27.7663, 25.8360, 83.7939

Complementary

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



35.5372, 25.8360, 9.2447



32.8064, 41.1876, 73.2385

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.



20.9501, 25.8360, 82.6563



35.5372, 25.8360, 9.2447



13.7621, 25.8360, 37.9039

Square

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



35.5372, 25.8360, 9.2447



16.5092, 25.8360, 8.5449



16.1084, 25.8360, 63.2288



34.8677, 25.8360, 65.8521

Rectangle

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



35.5372, 25.8360, 9.2447



23.7776, 25.8360, 4.6724



16.1084, 25.8360, 63.2288



25.3519, 25.8360, 85.8156

Sweetspot

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



35.5378, 25.8374, 9.2451



76.6432, 74.6279, 67.4918



40.5165, 23.2892, 49.4577



15.9282, 15.3081, 13.4001



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.



35.5378, 25.8374, 9.2451



45.9869, 29.8853, 6.1899



46.1744, 47.1107, 12.7907



13.2993, 13.5379, 13.6377



18.0848, 10.4551, 1.0649



1.2376, 0.8092, 0.0910

Inverse Universe

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



32.8064, 41.1876, 73.2385



41.6559, 52.5907, 102.5633



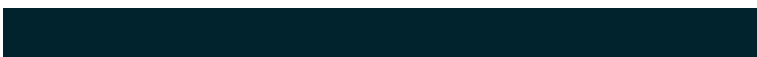
21.4367, 18.4482, 69.4486



13.1762, 14.2922, 16.7163



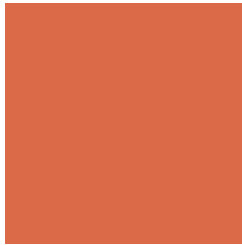
16.0084, 19.8863, 42.7331



1.1005, 1.4152, 2.7896

Previews

White Background



This preview shows how the XYZ color 35.5372, 25.8360, 9.2447 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 35.5372, 25.8360, 9.2447 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 35.5372, 25.8360, 9.2447

Background



This preview shows how black text looks on a background with the XYZ color 35.5372, 25.8360, 9.2447.



This preview shows how white text looks on a background with the XYZ color 35.5372, 25.8360,

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

35.5372, 25.8360, 9.2447

Protanopia

24.1152, 26.1686, 12.1675

Deuteranopia

26.3842, 25.9391, 8.7704



Tritanopia

37.1792, 25.7622, 17.2004

Trichromacy



Original Color

35.5372, 25.8360, 9.2447

Protanomaly

27.2986, 25.3646, 11.0465

Deuteranomaly

29.1126, 25.4021, 8.8375

Tritanomaly

36.4310, 25.7424, 13.8751

Monochromacy



Original Color

35.5372, 25.8360, 9.2447

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.0401, 23.9665, 18.8763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5372, 25.8360, 9.2447 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(219, 106, 72)` looks like.

```
.text, #text, p{  
    color:rgb(219, 106, 72)  
}
```

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(219, 106, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 106, 72) }
```

Border

The CSS property to change the border of an element to XYZ 35.5372, 25.8360, 9.2447 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(219, 106, 72) }
```


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

```
.border{ border-color:rgb(219, 106, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 106, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 106, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 106, 72);  
box-shadow:4px 4px 4px 4px rgb(219, 106,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5372, 25.8360, 9.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 106, 72) }
```

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

```
.background{ background-color: rgb(219,  
106, 72) }
```

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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