

Converting Colors

XYZ(35.1236, 25.4167, 9.7791)

Have a look what the booklet for
XYZ(35.1236, 25.4167, 9.7791)
contains.

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Color

**XYZ(35.2350, 25.5166,
9.7247)**

Conversions

Conversions Part 1

Format	Color
Hex	DA694B
RGB	218, 105, 75
RGB Percent	85%, 41%, 29%
CMY	0.1451, 0.5882, 0.7059
CMYK	0.00, 0.52, 0.66, 0.15
HSL	13°, 66%, 57%
HSV	13°, 66%, 85%
XYZ	35.2350, 25.5166, 9.7247
YIQ	135.3670, 76.9780, 14.6260

Conversions

Conversions Part 2

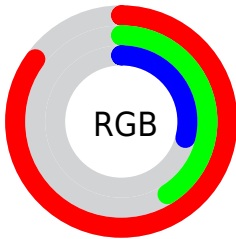
Format	Color
R _Y B	218, 113, 75
Decimal	14313803
CIE Lab	57.58, 42.05, 37.45
CIE LCh	58, 56.310, 41.694
Yxy	25.5166, 0.5000, 0.3621
Android (android.graphics.Color)	4292503883 (0xFFDA694B)
YUV	135.3670, -29.7609, 72.4691
Hunter-Lab	50.5140, 36.1097, 23.9456

Details

The XYZ color **35.2350, 25.5166, 9.7247** 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 **33.5383, 42.5213, 72.7690**, and the grayscale version is **23.2536, 24.4645, 26.6419**.

A 20% lighter version of the original color is **57.3398, 47.5369, 25.5554**, and **15.3995, 9.8030, 2.2429** is the 20% darker color. If you saturate the color by 10%, you get **33.0323, 22.1079, 5.9187**, and if you desaturate by 10%, it is **38.0498, 29.7410, 14.9958**.

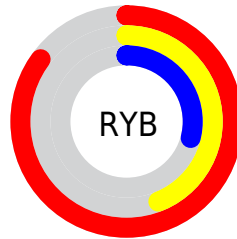
Distribution



Red (85%)

Green (41%)

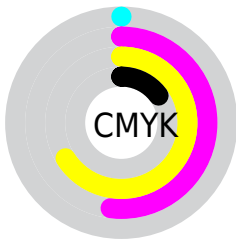
Blue (29%)



Red (85%)

Yellow (44%)

Blue (29%)

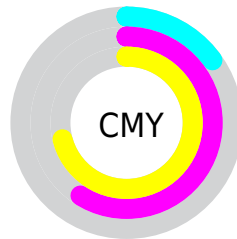


Cyan (0%)

Magenta (52%)

Yellow (66%)

Black (15%)



Cyan (15%)


Magenta (59%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2350, 25.5166, 9.7247 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 35.2350, 25.5166, 9.7247 by changing the saturation by 10% instead.


 35.2350, 25.5166,
9.7247


 35.2350, 25.5166,
9.7247


317.0943,
280.4010, 199.1087


 24.0113, 16.4624,
5.1136


 67.1813, 52.4941,
25.8761

 15.4668, 9.8519,
2.2542


 88.6346, 71.1861,
38.2534


 9.2361, 5.3009,
0.7054


 114.2285, 93.8595,
54.0566

 4.9538, 2.4249,
0.0000

 144.3283,
120.8986, 73.7041

 2.2547, 0.8386,
0.0000

 179.2995,
152.6880, 97.6145

 0.7713, 0.0000,
0.0000

219.5073,

 0.0000, 0.0000,

189.6119, 126.2064

0.0000

265.3171,
232.0547, 159.8983

■ 35.2350, 25.5166,
9.7247

■ 35.2350, 25.5166,
9.7247

■ 33.0323, 22.1079,
5.9187

■ 38.0498, 29.7410,
14.9958

■ 31.3910, 19.4566,
3.4252

■ 41.5182, 34.8259,
21.8612

■ 30.2541, 17.5028,
2.0595

■ 45.6800, 40.8177,
30.4372

■ 29.8803, 16.8394,
1.6755

■ 50.5712, 47.7582,
40.8289

■ 56.2253, 55.6865,
53.1330

■ 62.6734, 64.6396,
67.4391

■ 69.9453, 74.6524,
83.8312

■ 78.0688, 85.7582,
102.3887

■ 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.



39.2306, 25.5166, 20.9389



35.2350, 25.5166, 9.7247



28.5411, 25.5166, 5.3808

Triad

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



35.2350, 25.5166, 9.7247



13.9391, 25.5166, 17.7070



26.9665, 25.5166, 82.0450

Complementary

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



35.2350, 25.5166, 9.7247



33.5383, 42.5213, 72.7690

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.



20.4170, 25.5166, 79.7923



35.2350, 25.5166, 9.7247



13.6742, 25.5166, 35.9769

Square

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



35.2350, 25.5166, 9.7247



16.6347, 25.5166, 8.3015



15.8286, 25.5166, 60.3740



33.9005, 25.5166, 65.5799

Rectangle

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



35.2350, 25.5166, 9.7247



23.8730, 25.5166, 4.7830



15.8286, 25.5166, 60.3740



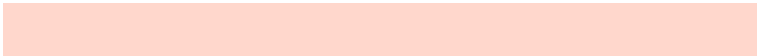
24.6366, 25.5166, 83.6020

Sweetspot

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



35.2356, 25.5180, 9.7251



76.3636, 74.0687, 67.3986



40.6581, 23.6291, 50.7898



15.8623, 15.1762, 13.3781



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.



35.2356, 25.5180, 9.7251



46.0619, 29.8554, 6.7698



45.5327, 46.1122, 13.1575



13.2763, 13.4920, 13.6301



17.9648, 10.2151, 1.0249



1.2268, 0.7876, 0.0874

Inverse Universe

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



33.5383, 42.5213, 72.7690



43.2733, 55.4438, 103.0287



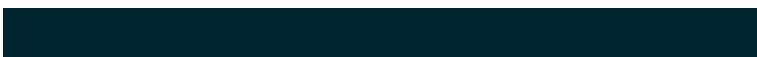
22.0233, 19.4913, 68.9306



13.2009, 14.3415, 16.7246



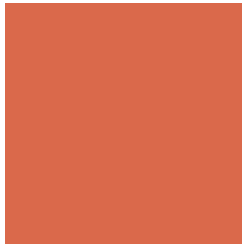
16.5293, 20.9280, 42.9067



1.1302, 1.4745, 2.7995

Previews

White Background



This preview shows how the XYZ color 35.2350, 25.5166, 9.7247 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 35.2350, 25.5166, 9.7247 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 35.2350, 25.5166, 9.7247

Background



This preview shows how black text looks on a background with the XYZ color 35.2350, 25.5166, 9.7247.



This preview shows how white text looks on a background with the XYZ color 35.2350, 25.5166,

9.7247.

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

35.2350, 25.5166, 9.7247

Protanopia

23.7154, 25.7327, 12.7338

Deuteranopia

26.1200, 25.5901, 9.1929



Tritanopia

36.8757, 25.6057, 17.1862

Trichromacy



Original Color

35.2350, 25.5166, 9.7247

Protanomaly

26.8299, 24.9172, 11.5790

Deuteranomaly

28.8359, 25.0654, 9.2795

Tritanomaly

36.0761, 25.4073, 14.0690

Monochromacy



Original Color

35.2350, 25.5166, 9.7247

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.7053, 23.6069, 18.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2350, 25.5166, 9.7247 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, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(218, 105, 75)  
}
```

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, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 105, 75) }
```

Border

The CSS property to change the border of an element to XYZ 35.2350, 25.5166, 9.7247 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, 105, 75) }
```


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

```
.border{ border-color:rgb(218, 105, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 105, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(218, 105,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2350, 25.5166, 9.7247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 105, 75) }
```

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

```
.background{ background-color: rgb(218,  
105, 75) }
```

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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