

Converting Colors

XYZ(34.9930, 28.3725, 8.4080)

Have a look what the booklet for
XYZ(34.9930, 28.3725, 8.4080)
contains.

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Color

**XYZ(35.1315, 28.5218,
8.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	D47B3F
RGB	212, 123, 63
RGB Percent	83%, 48%, 25%
CMY	0.1686, 0.5176, 0.7529
CMYK	0.00, 0.42, 0.70, 0.17
HSL	24°, 63%, 54%
HSV	24°, 70%, 83%
XYZ	35.1315, 28.5218, 8.3563
YIQ	142.7710, 72.3040, 0.2080

Conversions

Conversions Part 2

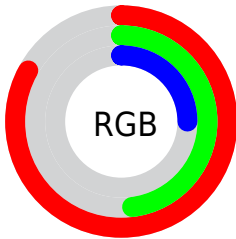
Format	Color
R _{YB}	212, 163, 63
Decimal	13925183
CIE Lab	60.36, 29.70, 46.66
CIE LCh	60, 55.311, 57.517
Yxy	28.5218, 0.4879, 0.3961
Android (android.graphics.Color)	4292115263 (0xFFD47B3F)
YUV	142.7710, -39.3271, 60.7138
Hunter-Lab	53.4058, 23.9610, 28.1071

Details

The XYZ color **35.1315, 28.5218, 8.3563** 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 **25.1611, 28.2652, 66.4165**, and the grayscale version is **26.1495, 27.5113, 29.9598**.

A 20% lighter version of the original color is **59.7460, 53.5029, 22.8009**, and **15.3978, 11.4670, 1.7496** is the 20% darker color. If you saturate the color by 10%, you get **33.1787, 25.3889, 5.3238**, and if you desaturate by 10%, it is **37.5169, 32.1553, 12.6583**.

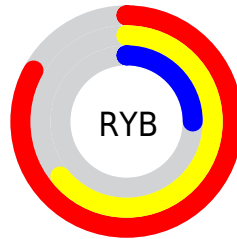
Distribution



Red (83%)

Green (48%)

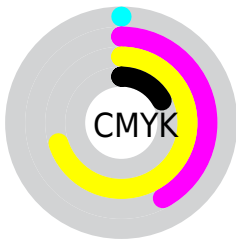
Blue (25%)



Red (83%)

Yellow (64%)

Blue (25%)

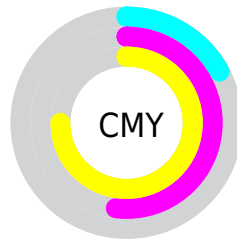


Cyan (0%)

Magenta (42%)

Yellow (70%)

Black (17%)



Cyan (17%)


Magenta (52%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1315, 28.5218, 8.3563 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 35.1315, 28.5218, 8.3563 by changing the saturation by 10% instead.


 35.1315, 28.5218,
8.3563


 35.1315, 28.5218,
8.3563


316.6462,
294.9519, 188.5383

 23.9312, 18.7194,
4.2327


 67.0221, 57.3164,
23.2116

 15.4070, 11.4677,
1.7539


 88.4431, 77.0775,
34.7805

 9.1937, 6.3823,
0.3973


 114.0017,
100.9268, 49.6682

 4.9259, 3.0789,
0.0000

 144.0633,
129.2488, 68.2933

 2.2381, 1.1731,
0.0000

 178.9932,
162.4280, 91.0743

 0.7627, 0.0396,
0.0000

 219.1567,

 0.0000, 0.0000,

200.8486, 118.4297

0.0000

264.9193,
244.8951, 150.7782

■ 35.1315, 28.5218,
8.3563

■ 35.1315, 28.5218,
8.3563

■ 33.1787, 25.3889,
5.3238

■ 37.5169, 32.1553,
12.6583

■ 31.6208, 22.7255,
3.4101

■ 40.3636, 36.3089,
18.3541

■ 30.4294, 20.5533,
2.3634

■ 43.6997, 41.0062,
25.5547

■ 47.5503, 46.2679,
34.3592

■ 51.9387, 52.1134,
44.8584

■ 56.8863, 58.5611,
57.1361

■ 62.4136, 65.6286,
71.2704

■ 68.5399, 73.3326,
87.3349

■ 75.2834, 81.6892,
105.3991

Harmonies

Analogous

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



41.1267, 28.5218, 16.2542



35.1315, 28.5218, 8.3563



27.7055, 28.5218, 6.0674

Triad

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



35.1315, 28.5218, 8.3563



15.6188, 28.5218, 29.3905



33.9267, 28.5218, 80.3109

Complementary

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



35.1315, 28.5218, 8.3563



25.1611, 28.2652, 66.4165

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.



26.5214, 28.5218, 88.8719



35.1315, 28.5218, 8.3563



16.7047, 28.5218, 52.8773

Square

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



35.1315, 28.5218, 8.3563



17.1371, 28.5218, 14.4205



20.4116, 28.5218, 77.1586



40.3499, 28.5218, 57.1764

Rectangle

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



35.1315, 28.5218, 8.3563



23.1999, 28.5218, 6.6861



20.4116, 28.5218, 77.1586



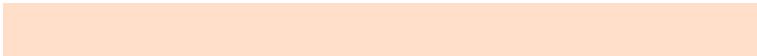
31.4345, 28.5218, 85.3351

Sweetspot

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



35.1322, 28.5233, 8.3568



78.2275, 78.2820, 66.5232



34.6292, 19.8323, 31.8809



16.3325, 16.2109, 13.2442



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.



35.1322, 28.5233, 8.3568



49.2342, 36.6136, 6.5518



48.0373, 54.3336, 12.6585



12.8297, 13.2335, 13.0388



18.8780, 12.8733, 1.4898



1.2186, 0.9364, 0.1165

Inverse Universe

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



25.1611, 28.2652, 66.4165



33.0957, 35.9657, 99.8055



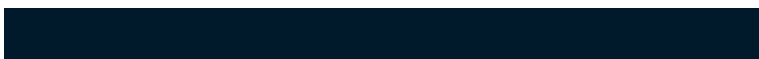
16.6510, 11.2451, 63.5798



12.3532, 13.2298, 15.8400



12.0922, 12.4462, 40.2182



0.8095, 0.9110, 2.4525

Previews

White Background



This preview shows how the XYZ color 35.1315, 28.5218, 8.3563 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 35.1315, 28.5218, 8.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

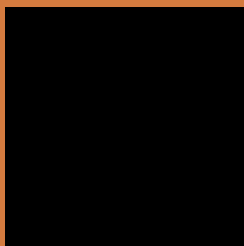
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.1315, 28.5218, 8.3563

Background



This preview shows how black text looks on a background with the XYZ color 35.1315, 28.5218, 8.3563.



This preview shows how white text looks on a background with the XYZ color 35.1315, 28.5218,

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

35.1315, 28.5218, 8.3563

Protanopia

26.2847, 28.6813, 9.9451

Deuteranopia

29.3134, 28.7261, 8.1374



Tritanopia

38.2660, 28.5704, 22.8998

Trichromacy



Original Color

35.1315, 28.5218, 8.3563

Protanomaly

28.9240, 28.2855, 9.2454

Deuteranomaly

31.1955, 28.4388, 8.1200

Tritanomaly

37.0194, 28.6000, 16.1396

Monochromacy



Original Color

35.1315, 28.5218, 8.3563

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.9899, 27.1481, 19.6845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1315, 28.5218, 8.3563 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, 123, 63)` looks like.

```
.text, #text, p{  
    color:rgb(212, 123, 63)  
}
```

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, 123, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 123, 63) }
```

Border

The CSS property to change the border of an element to XYZ 35.1315, 28.5218, 8.3563 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, 123, 63) }
```


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

```
.border{ border-color:rgb(212, 123, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 123, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 123, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 123, 63);  
box-shadow:4px 4px 4px 4px rgb(212, 123,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1315, 28.5218, 8.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 123, 63) }
```

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

```
.background{ background-color: rgb(212,  
123, 63) }
```

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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