

Converting Colors

XYZ(35.5438, 29.3137, 8.9728)

Have a look what the booklet for
XYZ(35.5438, 29.3137, 8.9728)
contains.

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Color

**XYZ(35.5956, 29.3121,
8.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	D47E42
RGB	212, 126, 66
RGB Percent	83%, 49%, 26%
CMY	0.1686, 0.5059, 0.7412
CMYK	0.00, 0.41, 0.69, 0.17
HSL	25°, 63%, 55%
HSV	25°, 69%, 83%
XYZ	35.5956, 29.3121, 8.9360
YIQ	144.8740, 70.5160, -0.4280

Conversions

Conversions Part 2

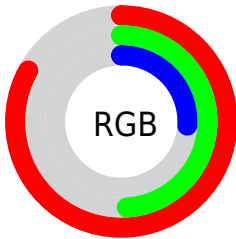
Format	Color
R_{YB}	212, 168, 66
Decimal	13925954
CIE _{Lab}	61.06, 28.27, 45.94
CIE _{LCh}	61, 53.940, 58.398
Yxy	29.3121, 0.4820, 0.3969
Android (android.graphics.Color)	4292116034 (0xFFD47E42)
YUV	144.8740, -38.8849, 58.8695
Hunter-Lab	54.1407, 22.6114, 28.1125

Details

The XYZ color **35.5956, 29.3121, 8.9360** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **25.3579, 28.3667, 66.4258**, and the grayscale version is **26.9961, 28.4020, 30.9298**.

A 20% lighter version of the original color is **60.5125, 54.7612, 23.9036**, and **15.6269, 11.8817, 1.9600** is the 20% darker color. If you saturate the color by 10%, you get **33.5843, 26.1114, 5.7326**, and if you desaturate by 10%, it is **38.0392, 33.0072, 13.4263**.

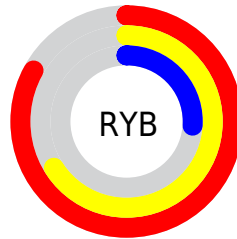
Distribution



Red (83%)

Green (49%)

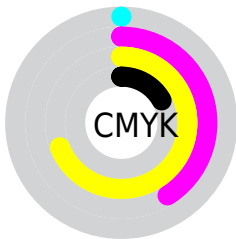
Blue (26%)



Red (83%)

Yellow (66%)

Blue (26%)

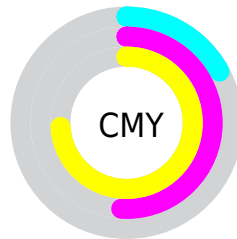


Cyan (0%)

Magenta (41%)

Yellow (69%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5956, 29.3121, 8.9360 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 35.5956, 29.3121, 8.9360 by changing the saturation by 10% instead.


 35.5956, 29.3121,
8.9360


 35.5956, 29.3121,
8.9360


318.6517,
298.6847, 193.1002


 24.2907, 19.3170,
4.6032


 67.7354, 58.5726,
24.3497

 15.6753, 11.8996,
1.9618


 89.3010, 78.6068,
36.2678

 9.3841, 6.6753,
0.5316


 115.0175,
102.7562, 51.5513

 5.0516, 3.2599,
0.0000

 145.2503,
131.4052, 70.6188

 2.3127, 1.2689,
0.0000

 180.3648,
164.9381, 93.8890

 0.8011, 0.1169,
0.0000

220.7263,

 0.0000, 0.0000,

203.7394, 121.7802

0.0000

266.7001,
248.1935, 154.7111

■ 35.5956, 29.3121,
8.9360

■ 35.5956, 29.3121,
8.9360

■ 33.5843, 26.1114,
5.7326

■ 38.0392, 33.0072,
13.4263

■ 31.9688, 23.3749,
3.6695

■ 40.9428, 37.2150,
19.3251

■ 30.6990, 21.0716,
2.5182

■ 44.3340, 41.9585,
26.7414

■ 30.5700, 20.8345,
2.4103

■ 48.2373, 47.2574,
35.7730

■ 52.6752, 53.1305,
46.5095

■ 57.6691, 59.5957,
59.0337

■ 63.2388, 66.6697,
73.4231

■ 69.4032, 74.3689,
89.7504

■ 75.8888, 82.5922,
106.5499

Harmonies

Analogous

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



41.5876, 29.3121, 16.7679



35.5956, 29.3121, 8.9360



28.2415, 29.3121, 6.6943

Triad

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



35.5956, 29.3121, 8.9360



16.3754, 29.3121, 30.8413



34.8273, 29.3121, 79.7792

Complementary

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



35.5956, 29.3121, 8.9360



25.3579, 28.3667, 66.4258

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.



27.4825, 29.3121, 88.6790



35.5956, 29.3121, 8.9360



17.5445, 29.3121, 54.2038

Square

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



35.5956, 29.3121, 8.9360



17.8248, 29.3121, 15.5718



21.3356, 29.3121, 77.7941



41.0939, 29.3121, 56.9278

Rectangle

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



35.5956, 29.3121, 8.9360



23.7920, 29.3121, 7.4147



21.3356, 29.3121, 77.7941



32.3677, 29.3121, 84.8388

Sweetspot

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



35.5963, 29.3136, 8.9365



78.3461, 78.5191, 66.5627



34.8990, 20.2134, 32.4599



16.3605, 16.2669, 13.2536



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.



35.5963, 29.3136, 8.9365



49.7100, 37.4921, 6.9360



48.1918, 54.5046, 13.1350



12.8382, 13.2507, 13.0417



18.9658, 13.0488, 1.5191



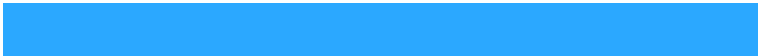
1.2243, 0.9479, 0.1184

Inverse Universe

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



25.3579, 28.3667, 66.4258



33.0660, 35.7512, 99.7657



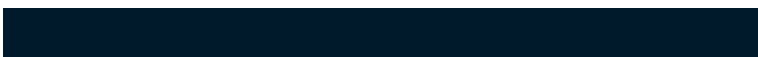
17.0434, 11.7376, 63.6542



12.3444, 13.2122, 15.8371



11.9544, 12.1705, 40.1722



0.8016, 0.8953, 2.4499

Previews

White Background



This preview shows how the XYZ color 35.5956, 29.3121, 8.9360 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 35.5956, 29.3121, 8.9360 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 35.5956, 29.3121, 8.9360

Background



This preview shows how black text looks on a background with the XYZ color 35.5956, 29.3121, 8.9360.



This preview shows how white text looks on a background with the XYZ color 35.5956, 29.3121,

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

35.5956, 29.3121, 8.9360

Protanopia

26.8968, 29.4474, 10.5696

Deuteranopia

29.9228, 29.4648, 8.6676



Tritanopia

38.8120, 29.3511, 24.0418

Trichromacy



Original Color

35.5956, 29.3121, 8.9360

Protanomaly

29.5396, 29.0221, 9.8393

Deuteranomaly

31.9495, 29.4365, 8.7005

Tritanomaly

37.5337, 29.3861, 17.0584

Monochromacy



Original Color

35.5956, 29.3121, 8.9360

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6031, 27.8729, 20.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5956, 29.3121, 8.9360 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, 126, 66)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 66)  
}
```

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, 126, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 66) }
```

Border

The CSS property to change the border of an element to XYZ 35.5956, 29.3121, 8.9360 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, 126, 66) }
```


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

```
.border{ border-color:rgb(212, 126, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 126, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 126, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 126, 66);  
box-shadow:4px 4px 4px 4px rgb(212, 126,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5956, 29.3121, 8.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 126, 66) }
```

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

```
.background{ background-color: rgb(212,  
126, 66) }
```

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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