

Converting Colors

XYZ(35.9295, 30.0490, 9.8721)

Have a look what the booklet for
XYZ(35.9295, 30.0490, 9.8721)
contains.

XYZ(35.8516, 30.0043, 9.8631)	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(35.8516, 30.0043,
9.8631)**

Conversions

Conversions Part 1

Format	Color
Hex	D38147
RGB	211, 129, 71
RGB Percent	83%, 51%, 28%
CMY	0.1726, 0.4941, 0.7216
CMYK	0.00, 0.39, 0.66, 0.17
HSL	25°, 61%, 55%
HSV	25°, 66%, 83%
XYZ	35.8516, 30.0043, 9.8631
YIQ	146.9060, 67.4900, -0.6540

Conversions

Conversions Part 2

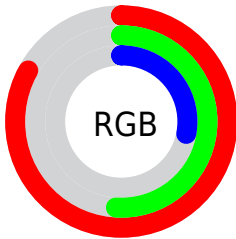
Format	Color
R_{YB}	211, 170, 71
Decimal	13861191
CIE _{Lab}	61.66, 26.53, 44.07
CIE _{LCh}	62, 51.442, 58.950
Yxy	30.0043, 0.4735, 0.3963
Android (android.graphics.Color)	4292051271 (0xFFD38147)
YUV	146.9060, -37.4217, 56.2104
Hunter-Lab	54.7762, 20.9719, 27.6675

Details

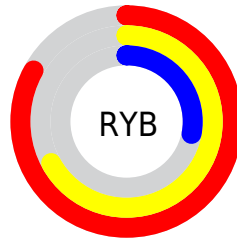
The XYZ color **35.8516, 30.0043, 9.8631** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **25.7471, 28.8239, 65.8344**, and the grayscale version is **27.8253, 29.2744, 31.8798**.

A 20% lighter version of the original color is **61.4191, 56.0964, 25.6797**, and **15.8897, 12.3253, 2.3006** is the 20% darker color. If you saturate the color by 10%, you get **33.7578, 26.7190, 6.3846**, and if you desaturate by 10%, it is **38.3787, 33.7805, 14.6461**.

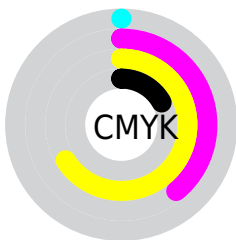
Distribution



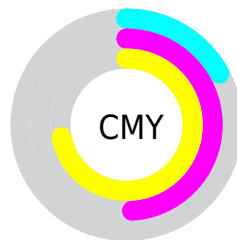
- Red (83%)
- Green (51%)
- Blue (28%)



- Red (83%)
- Yellow (67%)
- Blue (28%)



- Cyan (0%)
- Magenta (39%)
- Yellow (66%)
- Black (17%)





- Cyan (17%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8516, 30.0043, 9.8631 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 35.8516, 30.0043, 9.8631 by changing the saturation by 10% instead.


 35.8516, 30.0043,
9.8631


 35.8516, 30.0043,
9.8631


319.7540,
301.9245, 200.1414


 24.4892, 19.8419,
5.2039


 68.1283, 59.6690,
26.1415

 15.8236, 12.2801,
2.3065


 89.7733, 79.9400,
38.5977


 9.4895, 6.9348,
0.7349


 115.5766,
104.3493, 54.4900

 5.1214, 3.4213,
0.0000

 145.9035,
133.2814, 74.2368

 2.3542, 1.3555,
0.0000

 181.1193,
167.1205, 98.2569

 0.8222, 0.1835,
0.0000

221.5894,

 0.0000, 0.0000,

206.2512, 126.9686

0.0000

267.6792,
251.0577, 160.7906

■ 35.8516, 30.0043,
9.8631

■ 35.8516, 30.0043,
9.8631

■ 33.7578, 26.7190,
6.3846

■ 38.3787, 33.7805,
14.6461

■ 32.0628, 23.8957,
4.0720

■ 41.3656, 38.0650,
20.8495

■ 30.7274, 21.5083,
2.7532

■ 44.8387, 42.8798,
28.5782

■ 30.3063, 20.7337,
2.4047

■ 48.8216, 48.2440,
37.9264

■ 53.3362, 54.1756,
48.9809

■ 58.4031, 60.6918,
61.8221

■ 64.0415, 67.8090,
76.5252

■ 70.2698, 75.5428,
93.1613

■ 76.1406, 83.5223,
106.7161

Harmonies

Analogous

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



41.6399, 30.0043, 17.6223



35.8516, 30.0043, 9.8631



28.7598, 30.0043, 7.6312

Triad

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



35.8516, 30.0043, 9.8631



17.2887, 30.0043, 31.9843



35.3676, 30.0043, 77.9386

Complementary

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



35.8516, 30.0043, 9.8631



25.7471, 28.8239, 65.8344

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.



28.2779, 30.0043, 86.6328



35.8516, 30.0043, 9.8631



18.4908, 30.0043, 54.4962

Square

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



35.8516, 30.0043, 9.8631



18.6719, 30.0043, 16.8420



22.2599, 30.0043, 76.7130



41.3306, 30.0043, 56.1948

Rectangle

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



35.8516, 30.0043, 9.8631



24.4580, 30.0043, 8.4291



22.2599, 30.0043, 76.7130



33.0046, 30.0043, 82.7933

Sweetspot

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



35.8523, 30.0058, 9.8637



79.0995, 79.5406, 68.3106



35.0337, 20.7221, 33.1639



16.5106, 16.4728, 13.5942



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.



35.8523, 30.0058, 9.8637



50.5744, 38.9728, 7.9889



47.9675, 54.2363, 13.9021



12.2053, 12.6014, 12.4011



18.3857, 12.7044, 1.4832



1.1055, 0.8652, 0.1087

Inverse Universe

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



25.7471, 28.8239, 65.8344



33.8799, 36.8531, 99.9354



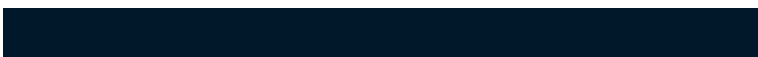
17.6051, 12.5401, 63.1204



11.7307, 12.5517, 15.0481



11.5171, 11.6808, 38.8401



0.7212, 0.8077, 2.1975

Previews

White Background



This preview shows how the XYZ color 35.8516, 30.0043, 9.8631 looks on a white background.

Color Contrast Check

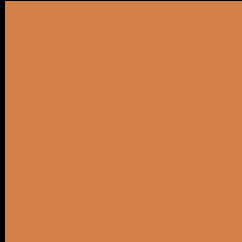
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8516, 30.0043, 9.8631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

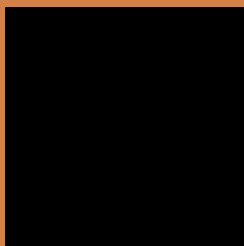
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8516, 30.0043, 9.8631

Background



This preview shows how black text looks on a background with the XYZ color 35.8516, 30.0043, 9.8631.



This preview shows how white text looks on a background with the XYZ color 35.8516, 30.0043,

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

35.8516, 30.0043, 9.8631

Protanopia

27.6396, 30.0443, 11.5501

Deuteranopia

30.7240, 30.0776, 9.6551



Tritanopia

39.0806, 30.0048, 25.2045

Trichromacy



Original Color

35.8516, 30.0043, 9.8631

Protanomaly

30.2344, 29.7991, 10.8149

Deuteranomaly

32.2680, 29.7903, 9.6796

Tritanomaly

37.8255, 30.0675, 18.2780

Monochromacy



Original Color

35.8516, 30.0043, 9.8631

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.2854, 28.6341, 21.4362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8516, 30.0043, 9.8631 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(211, 129, 71)` looks like.

```
.text, #text, p{  
    color:rgb(211, 129, 71)  
}
```

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(211, 129, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 129, 71) }
```

Border

The CSS property to change the border of an element to XYZ 35.8516, 30.0043, 9.8631 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(211, 129, 71) }
```


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

```
.border{ border-color:rgb(211, 129, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 129, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 129, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 129, 71);  
box-shadow:4px 4px 4px 4px rgb(211, 129,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8516, 30.0043, 9.8631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 129, 71) }
```

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

```
.background{ background-color: rgb(211,  
129, 71) }
```

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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