

Converting Colors

XYZ(35.2616, 26.4183, 8.9300)

Have a look what the booklet for
XYZ(35.2616, 26.4183, 8.9300)
contains.

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Color

**XYZ(35.3739, 26.5503,
8.8905)**

Conversions

Conversions Part 1

Format	Color
Hex	D96F45
RGB	217, 111, 69
RGB Percent	85%, 44%, 27%
CMY	0.1490, 0.5647, 0.7294
CMYK	0.00, 0.49, 0.68, 0.15
HSL	17°, 66%, 56%
HSV	17°, 68%, 85%
XYZ	35.3739, 26.5503, 8.8905
YIQ	137.9060, 76.6580, 9.4100

Conversions

Conversions Part 2

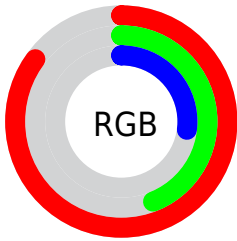
Format	Color
R_{YB}	217, 128, 69
Decimal	14249797
CIE _{Lab}	58.56, 38.29, 41.78
CIE _{LCh}	59, 56.672, 47.492
Yxy	26.5503, 0.4995, 0.3749
Android (android.graphics.Color)	4292439877 (0xFFD96F45)
YUV	137.9060, -33.9707, 69.3654
Hunter-Lab	51.5270, 32.3702, 25.8390

Details

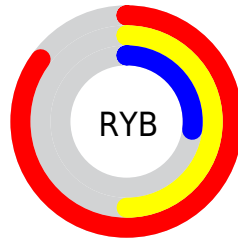
The XYZ color **35.3739, 26.5503, 8.8905** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **30.3073, 36.9324, 71.1765**, and the grayscale version is **24.2274, 25.4891, 27.7577**.

A 20% lighter version of the original color is **57.8452, 49.1428, 23.8895**, and **15.4710, 10.3576, 1.9429** is the 20% darker color. If you saturate the color by 10%, you get **33.2686, 23.2279, 5.4513**, and if you desaturate by 10%, it is **38.0217, 30.5640, 13.7255**.

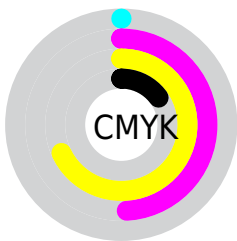
Distribution



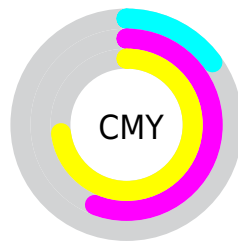
- Red (85%)
- Green (44%)
- Blue (27%)



- Red (85%)
- Yellow (50%)
- Blue (27%)



- Cyan (0%)
- Magenta (49%)
- Yellow (68%)
- Black (15%)





- Cyan (15%)
- Magenta (56%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3739, 26.5503, 8.8905 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 35.3739, 26.5503, 8.8905 by changing the saturation by 10% instead.


 35.3739, 26.5503,
8.8905

 35.3739, 26.5503,
8.8905


317.6948,
285.4731, 192.7468


 24.1189, 17.2358,
4.5740


 67.3948, 54.1614,
24.2609


 15.5471, 10.4027,
1.9452


 88.8914, 73.2268,
36.1519

 9.2930, 5.6668,
0.5213


 114.5326, 96.3112,
51.4048

 4.9914, 2.6435,
0.0000

 144.6838,
123.7991, 70.4382

 2.2769, 0.9486,
0.0000

 179.7102,
156.0748, 93.6705

 0.7828, 0.0000,
0.0000

219.9773,

 0.0000, 0.0000,

193.5228, 121.5203

0.0000

265.8504,
236.5274, 154.4063

■ 35.3739, 26.5503,
8.8905

■ 35.3739, 26.5503,
8.8905

■ 33.2686, 23.2279,
5.4513

■ 38.0217, 30.5640,
13.7255

■ 31.6603, 20.5508,
3.2521

■ 41.2483, 35.3029,
20.0867

■ 30.4916, 18.4705,
2.0701

■ 45.0890, 40.8033,
28.0906

■ 30.3155, 18.1525,
1.9060

■ 49.5753, 47.0978,
37.8421

■ 54.7366, 54.2172,
49.4372

■ 60.6002, 62.1903,
62.9651

■ 67.1920, 71.0448,
78.5089

■ 74.5366, 80.8069,
96.1470

■ 81.1233, 90.8881,
107.8752

Harmonies

Analogous

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



40.2305, 26.5503, 18.8718



35.3739, 26.5503, 8.8905



28.2385, 26.5503, 5.3421

Triad

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



35.3739, 26.5503, 8.8905



14.3166, 26.5503, 21.3934



29.4646, 26.5503, 82.8598

Complementary

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



35.3739, 26.5503, 8.8905



30.3073, 36.9324, 71.1765

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.



22.4529, 26.5503, 84.6085



35.3739, 26.5503, 8.8905



14.5235, 26.5503, 41.9917

Square

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



35.3739, 26.5503, 8.8905



16.6173, 26.5503, 10.0053



17.2465, 26.5503, 67.2488



36.4122, 26.5503, 63.2048

Rectangle

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



35.3739, 26.5503, 8.8905



23.5342, 26.5503, 5.1558



17.2465, 26.5503, 67.2488



27.0164, 26.5503, 85.8030

Sweetspot

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



35.3745, 26.5517, 8.8910



77.3339, 76.0093, 67.7221



38.4877, 22.1058, 42.8300



16.0914, 15.6345, 13.4545



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.



35.3745, 26.5517, 8.8910



46.8081, 31.6103, 6.2088



47.0243, 49.8512, 12.7742



13.3555, 13.6503, 13.6564



18.4295, 11.1446, 1.1798



1.2665, 0.8671, 0.1006

Inverse Universe

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



30.3073, 36.9324, 71.1765



38.8337, 47.1215, 101.6563



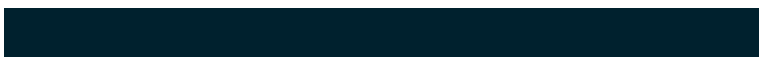
19.6389, 15.5954, 67.6204



13.1163, 14.1724, 16.6964



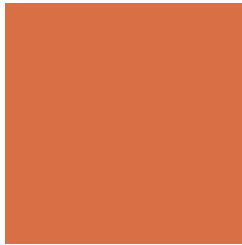
14.8124, 17.4942, 42.3344



1.0315, 1.2771, 2.7666

Previews

White Background



This preview shows how the XYZ color 35.3739, 26.5503, 8.8905 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 35.3739, 26.5503, 8.8905 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 35.3739, 26.5503, 8.8905

Background



This preview shows how black text looks on a background with the XYZ color 35.3739, 26.5503, 8.8905.



This preview shows how white text looks on a background with the XYZ color 35.3739, 26.5503,

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

35.3739, 26.5503, 8.8905

Protanopia

24.4537, 26.5828, 11.2393

Deuteranopia

27.1297, 26.5343, 8.5422



Tritanopia

37.3481, 26.5604, 18.7810

Trichromacy



Original Color

35.3739, 26.5503, 8.8905

Protanomaly

27.6127, 25.9382, 10.2078

Deuteranomaly

29.6794, 26.2622, 8.6591

Tritanomaly

36.4337, 26.4936, 14.5028

Monochromacy



Original Color

35.3739, 26.5503, 8.8905

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6362, 24.8461, 19.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3739, 26.5503, 8.8905 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(217, 111, 69)` looks like.

```
.text, #text, p{  
    color:rgb(217, 111, 69)  
}
```

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(217, 111, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 111, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.3739, 26.5503, 8.8905 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(217, 111, 69) }
```


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

```
.border{ border-color:rgb(217, 111, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 111, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 111, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 111, 69);  
box-shadow:4px 4px 4px 4px rgb(217, 111,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3739, 26.5503, 8.8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 111, 69) }
```

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

```
.background{ background-color: rgb(217,  
111, 69) }
```

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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