

Converting Colors

XYZ(35.4389, 26.8245, 8.3687)

Have a look what the booklet for
XYZ(35.4389, 26.8245, 8.3687)
contains.

XYZ(35.3636, 26.7217, 8.2950)	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(35.3636, 26.7217,
8.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	D97041
RGB	217, 112, 65
RGB Percent	85%, 44%, 25%
CMY	0.1490, 0.5608, 0.7451
CMYK	0.00, 0.48, 0.70, 0.15
HSL	19°, 67%, 55%
HSV	19°, 70%, 85%
XYZ	35.3636, 26.7217, 8.2950
YIQ	138.0370, 77.6670, 7.6430

Conversions

Conversions Part 2

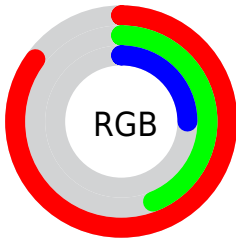
Format	Color
R_{YB}	217, 133, 65
Decimal	14250049
CIE _{Lab}	58.72, 37.57, 44.04
CIE _{LCh}	59, 57.884, 49.532
Yxy	26.7217, 0.5025, 0.3797
Android (android.graphics.Color)	4292440129 (0xFFD97041)
YUV	138.0370, -36.0072, 69.2506
Hunter-Lab	51.6930, 31.6504, 26.6711

Details

The XYZ color **35.3636, 26.7217, 8.2950** 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 **29.0781, 34.8810, 70.8454**, and the grayscale version is **24.2847, 25.5494, 27.8233**.

A 20% lighter version of the original color is **57.7896, 49.4081, 22.7105**, and **15.4802, 10.4459, 1.7307** is the 20% darker color. If you saturate the color by 10%, you get **33.3330, 23.4809, 5.0901**, and if you desaturate by 10%, it is **37.9121, 30.6126, 12.8637**.

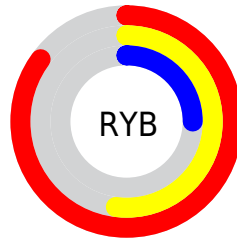
Distribution



Red (85%)

Green (44%)

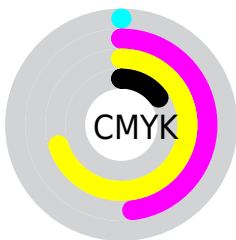
Blue (25%)



Red (85%)

Yellow (52%)

Blue (25%)

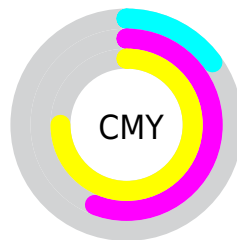


Cyan (0%)

Magenta (48%)

Yellow (70%)

Black (15%)



Cyan (15%)


Magenta (56%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3636, 26.7217, 8.2950 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 35.3636, 26.7217, 8.2950 by changing the saturation by 10% instead.


 35.3636, 26.7217,
8.2950


 35.3636, 26.7217,
8.2950


317.6503,
286.3071, 188.0480


 24.1109, 17.3643,
4.1938


 67.3790, 54.4370,
23.0904


 15.5411, 10.4946,
1.7323


 88.8724, 73.5636,
34.6217

 9.2888, 5.7281,
0.3827


 114.5101, 96.7155,
49.4668

 4.9886, 2.6805,
0.0000

 144.6574,
124.2770, 68.0442

 2.2753, 0.9673,
0.0000

 179.6798,
156.6326, 90.7725

 0.7820, 0.0000,
0.0000

219.9424,

 0.0000, 0.0000,

194.1665, 118.0702

0.0000

265.8108,
237.2632, 150.3559

■ 35.3636, 26.7217,
8.2950

■ 35.3636, 26.7217,
8.2950

■ 33.3330, 23.4809,
5.0901

■ 37.9121, 30.6126,
12.8637

■ 31.7755, 20.8469,
3.0882

■ 41.0141, 35.1845,
18.9293

■ 30.6286, 18.7786,
2.0103

■ 44.7039, 40.4714,
26.6105

■ 49.0120, 46.5034,
36.0134

■ 53.9670, 53.3090,
47.2353

■ 59.5953, 60.9149,
60.3660

■ 65.9219, 69.3468,
75.4892

■ 72.9706, 78.6288,
92.6838

■ 79.8984, 88.4383,
107.4669

Harmonies

Analogous

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



40.6147, 26.7217, 17.8539



35.3636, 26.7217, 8.2950



27.9685, 26.7217, 5.0589

Triad

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



35.3636, 26.7217, 8.2950



14.1712, 26.7217, 22.5353



30.2574, 26.7217, 83.9225

Complementary

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



35.3636, 26.7217, 8.2950



29.0781, 34.8810, 70.8454

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.



22.9904, 26.7217, 87.2152



35.3636, 26.7217, 8.2950



14.5543, 26.7217, 44.2767

Square

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



35.3636, 26.7217, 8.2950



16.3393, 26.7217, 10.3420



17.5064, 26.7217, 70.2955



37.3063, 26.7217, 62.6959

Rectangle

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



35.3636, 26.7217, 8.2950



23.1972, 26.7217, 5.0243



17.5064, 26.7217, 70.2955



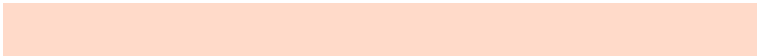
27.7342, 26.7217, 87.4467

Sweetspot

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



35.3642, 26.7231, 8.2955



76.9097, 75.6464, 66.0839



37.8944, 21.4880, 40.8787



16.0220, 15.5898, 13.1407



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.



35.3642, 26.7231, 8.2955



46.8987, 31.9426, 5.7733



47.2549, 50.5044, 12.2590



13.3829, 13.7051, 13.6656



18.6239, 11.5333, 1.2446



1.2819, 0.8979, 0.1057

Inverse Universe

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



29.0781, 34.8810, 70.8454



37.1023, 43.9789, 101.1410



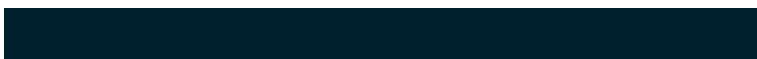
18.8329, 14.3905, 67.4303



13.0875, 14.1147, 16.6868



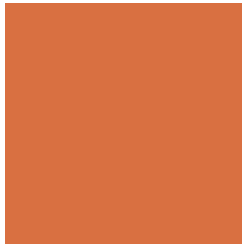
14.2712, 16.4119, 42.1540



0.9998, 1.2137, 2.7560

Previews

White Background



This preview shows how the XYZ color 35.3636, 26.7217, 8.2950 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 35.3636, 26.7217, 8.2950 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 35.3636, 26.7217, 8.2950

Background



This preview shows how black text looks on a background with the XYZ color 35.3636, 26.7217, 8.2950.



This preview shows how white text looks on a background with the XYZ color 35.3636, 26.7217,

8.2950.

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

35.3636, 26.7217, 8.2950

Protanopia

24.6533, 26.9219, 10.5537

Deuteranopia

27.3841, 26.8843, 8.0209



Tritanopia

37.7065, 26.7386, 19.0933

Trichromacy



Original Color

35.3636, 26.7217, 8.2950

Protanomaly

27.6137, 26.1525, 9.5538

Deuteranomaly

29.9447, 26.6029, 8.1140

Tritanomaly

36.6873, 26.6297, 14.2727

Monochromacy



Original Color

35.3636, 26.7217, 8.2950

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6558, 25.0637, 18.4718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3636, 26.7217, 8.2950 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, 112, 65)` looks like.

```
.text, #text, p{  
    color:rgb(217, 112, 65)  
}
```

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, 112, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 112, 65) }
```

Border

The CSS property to change the border of an element to XYZ 35.3636, 26.7217, 8.2950 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, 112, 65) }
```


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

```
.border{ border-color:rgb(217, 112, 65) }
```

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

Here you see how a box with a 4 pixel rgb(217, 112, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 112, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 112, 65);  
box-shadow:4px 4px 4px 4px rgb(217, 112,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3636, 26.7217, 8.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 112, 65) }
```

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

```
.background{ background-color: rgb(217,  
112, 65) }
```

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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