

Converting Colors

XYZ(35.5963, 26.6419, 5.6509)

Have a look what the booklet for
XYZ(35.5963, 26.6419, 5.6509)
contains.

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Color

**XYZ(35.5458, 26.5494,
5.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6E2C
RGB	220, 110, 44
RGB Percent	86%, 43%, 17%
CMY	0.1373, 0.5686, 0.8274
CMYK	0.00, 0.50, 0.80, 0.14
HSL	23°, 72%, 52%
HSV	23°, 80%, 86%
XYZ	35.5458, 26.5494, 5.6339
YIQ	135.3660, 86.7460, 2.7940

Conversions

Conversions Part 2

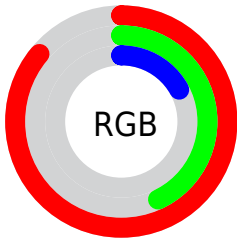
Format	Color
R_{YB}	220, 150, 44
Decimal	14446124
CIE Lab	58.55, 38.88, 54.02
CIE LCh	59, 66.553, 54.255
Yxy	26.5494, 0.5248, 0.3920
Android (android.graphics.Color)	4292636204 (0xFFDC6E2C)
YUV	135.3660, -45.0434, 74.2240
Hunter-Lab	51.5261, 32.9693, 29.5855

Details

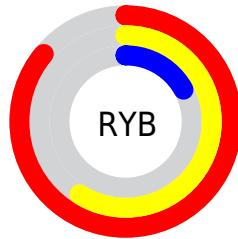
The XYZ color **35.5458, 26.5494, 5.6339** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **25.5115, 28.8119, 71.9264**, and the grayscale version is **23.3058, 24.5195, 26.7018**.

A 20% lighter version of the original color is **56.4028, 48.2806, 17.1728**, and **15.6645, 10.3970, 1.1812** is the 20% darker color. If you saturate the color by 10%, you get **33.8663, 23.6864, 3.5461**, and if you desaturate by 10%, it is **37.6756, 29.9632, 8.9523**.

Distribution



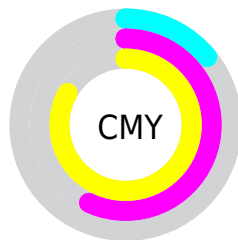
- Red (86%)
- Green (43%)
- Blue (17%)



- Red (86%)
- Yellow (59%)
- Blue (17%)



- Cyan (0%)
- Magenta (50%)
- Yellow (80%)
- Black (14%)





- Cyan (14%)
- Magenta (57%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5458, 26.5494, 5.6339 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 35.5458, 26.5494, 5.6339 by changing the saturation by 10% instead.


 35.5458, 26.5494,
5.6339


 35.5458, 26.5494,
5.6339


318.4369,
285.4687, 164.9488


 24.2521, 17.2351,
2.5586


 67.6589, 54.1599,
17.6305


 15.6465, 10.4023,
0.8710


 89.2090, 73.2250,
27.3889


 9.3636, 5.6665,
0.0000


 114.9086, 96.3091,
40.2121

 5.0381, 2.6434,
0.0000

 145.1231,
123.7966, 56.5186

 2.3046, 0.9485,
0.0000

 180.2179,
156.0719, 76.7270

 0.7970, 0.0000,
0.0000

 220.5582,

 0.0000, 0.0000,

193.5194, 101.2558

0.0000

266.5094,
236.5236, 130.5236

■ 35.5458, 26.5494,
5.6339

■ 35.5458, 26.5494,
5.6339

■ 33.8663, 23.6864,
3.5461

■ 37.6756, 29.9632,
8.9523

■ 32.5709, 21.3272,
2.3999

■ 40.2942, 33.9556,
13.6632

■ 32.5708, 21.3270,
2.3999

■ 43.4372, 38.5567,
19.9051

■ 47.1358, 43.7932,
27.7989

■ 51.4185, 49.6900,
37.4535

■ 56.3117, 56.2704,
48.9683

■ 61.8401, 63.5566,
62.4351

■ 68.0268, 71.5696,
77.9399

■ 74.8938, 80.3296,
95.5631

Harmonies

Analogous

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



42.3972, 26.5494, 14.1074



35.5458, 26.5494, 5.6339



26.8364, 26.5494, 3.2949

Triad

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



35.5458, 26.5494, 5.6339



12.6287, 26.5494, 24.6424



32.2385, 26.5494, 92.2093

Complementary

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



35.5458, 26.5494, 5.6339



25.5115, 28.8119, 71.9264

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.



23.6974, 26.5494, 100.5491



35.5458, 26.5494, 5.6339



13.4695, 26.5494, 51.5546

Square

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



35.5458, 26.5494, 5.6339



14.5287, 26.5494, 9.8115



17.1391, 26.5494, 82.8094



40.2179, 26.5494, 63.8707

Rectangle

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



35.5458, 26.5494, 5.6339



21.5673, 26.5494, 3.5745



17.1391, 26.5494, 82.8094



29.2953, 26.5494, 97.9161

Sweetspot

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



35.5464, 26.5508, 5.6344



75.7042, 74.6441, 61.3390



36.3715, 19.3993, 33.0438



15.6848, 15.2774, 11.9126



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.



35.5464, 26.5508, 5.6344



46.0481, 30.7869, 3.8084



49.8301, 55.1182, 10.3956



13.4541, 13.8476, 13.6893



19.2143, 12.7141, 1.4414



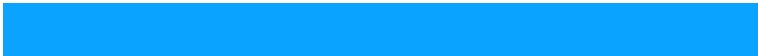
1.3260, 0.9861, 0.1204

Inverse Universe

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



25.5115, 28.8119, 71.9264



31.3088, 33.5481, 99.4330



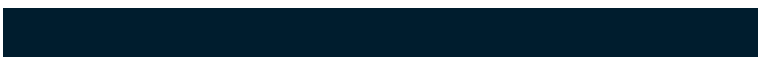
15.9921, 9.7730, 68.7532



13.0132, 13.9662, 16.6620



12.9831, 13.8357, 41.7247



0.9229, 1.0599, 2.7304

Previews

White Background



This preview shows how the XYZ color 35.5458, 26.5494, 5.6339 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 35.5458, 26.5494, 5.6339 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 35.5458, 26.5494, 5.6339

Background



This preview shows how black text looks on a background with the XYZ color 35.5458, 26.5494, 5.6339.



This preview shows how white text looks on a background with the XYZ color 35.5458, 26.5494,

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

35.5458, 26.5494, 5.6339

Protanopia

24.3934, 26.8630, 7.1482

Deuteranopia

27.1886, 26.6365, 5.2985



Tritanopia

38.0961, 26.5143, 17.8617

Trichromacy



Original Color

35.5458, 26.5494, 5.6339

Protanomaly

27.5931, 26.0108, 6.4720

Deuteranomaly

29.6758, 26.1446, 5.3161

Tritanomaly

36.9579, 26.5095, 11.9731

Monochromacy



Original Color

35.5458, 26.5494, 5.6339

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.5850, 23.9880, 15.8520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5458, 26.5494, 5.6339 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(220, 110, 44)` looks like.

```
.text, #text, p{  
    color:rgb(220, 110, 44)  
}
```

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(220, 110, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 110, 44) }
```

Border

The CSS property to change the border of an element to XYZ 35.5458, 26.5494, 5.6339 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(220, 110, 44) }
```


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

```
.border{ border-color:rgb(220, 110, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 110, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 110, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 110, 44);  
box-shadow:4px 4px 4px 4px rgb(220, 110,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5458, 26.5494, 5.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 110, 44) }
```

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

```
.background{ background-color: rgb(220,  
110, 44) }
```

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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