

Converting Colors

XYZ(36.0027, 25.5939, 3.6627)

Have a look what the booklet for
XYZ(36.0027, 25.5939, 3.6627)
contains.

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Color

**XYZ(35.9203, 25.5573,
3.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	E16613
RGB	225, 102, 19
RGB Percent	88%, 40%, 7%
CMY	0.1176, 0.6000, 0.9255
CMYK	0.00, 0.55, 0.92, 0.12
HSL	24°, 84%, 48%
HSV	24°, 92%, 88%
XYZ	35.9203, 25.5573, 3.6559
YIQ	129.3150, 99.9510, 0.2630

Conversions

Conversions Part 2

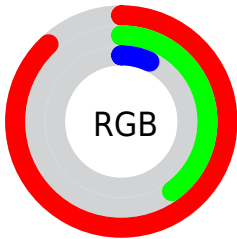
Format	Color
RYB	225, 158, 19
Decimal	14771731
CIELab	57.61, 44.19, 62.40
CIELCh	58, 76.464, 54.693
Yxy	25.5573, 0.5515, 0.3924
Android (android.graphics.Color)	4292961811 (0xFFE16613)
YUV	129.3150, -54.3853, 83.9157
Hunter-Lab	50.5542, 38.3597, 31.1003

Details

The XYZ color **35.9203, 25.5573, 3.6559** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.5314, 24.9192, 74.8034**, and the grayscale version is **21.1382, 22.2391, 24.2183**.

A 20% lighter version of the original color is **54.3985, 45.5449, 12.5805**, and **16.0409, 9.9626, 1.0775** is the 20% darker color. If you saturate the color by 10%, you get **34.7634, 23.4319, 2.6906**, and if you desaturate by 10%, it is **37.6414, 28.5335, 5.6677**.

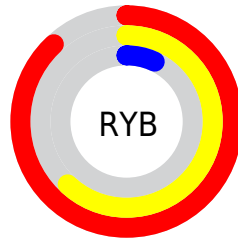
Distribution



Red (88%)

Green (40%)

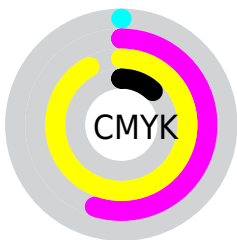
Blue (7%)



Red (88%)

Yellow (62%)

Blue (7%)

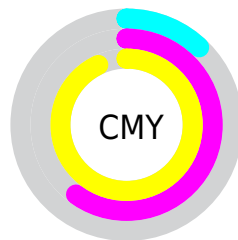


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (12%)



Cyan (12%)


Magenta (60%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9203, 25.5573, 3.6559 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 35.9203, 25.5573, 3.6559 by changing the saturation by 10% instead.


 35.9203, 25.5573,
3.6559

 35.9203, 25.5573,
3.6559


320.0494,
280.6021, 144.3203


 24.5425, 16.4927,
1.4385


 68.2337, 52.5599,
13.2081

 15.8634, 9.8735,
0.1715


 89.9000, 71.2667,
21.3799


 9.5178, 5.3152,
0.0000


 115.7265, 93.9564,
32.3737

 5.1402, 2.4333,
0.0000

 146.0785,
121.0134, 46.6079

 2.3654, 0.8430,
0.0000

 181.3215,
152.8221, 64.5012

 0.8278, 0.0000,
0.0000

 221.8207,

 0.0000, 0.0000,

189.7668, 86.4720

0.0000

267.9416,
232.2320, 112.9388

35.9203, 25.5573,
3.6559

35.9203, 25.5573,
3.6559

34.7634, 23.4319,
2.6906

37.6414, 28.5335,
5.6677

39.8105, 32.0453,
8.9381

42.4703, 36.1256,
13.6452

45.6570, 40.8023,
19.9381

49.4029, 46.1015,
27.9465

■ 53.7374, 52.0471,
37.7869

■ 58.6874, 58.6617,
49.5653

■ 64.2782, 65.9669,
63.3795

■ 70.5335, 73.9829,
79.3209

Harmonies

Analogous

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



43.9951, 25.5573, 11.6612



35.9203, 25.5573, 3.6559



25.9522, 25.5573, 1.7828

Triad

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



35.9203, 25.5573, 3.6559



10.6656, 25.5573, 23.4301



32.3911, 25.5573, 103.0977

Complementary

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



35.9203, 25.5573, 3.6559



23.5314, 24.9192, 74.8034

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.



22.7031, 25.5573, 113.9530



35.9203, 25.5573, 3.6559



11.5744, 25.5573, 54.5696

Square

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



35.9203, 25.5573, 3.6559



12.5939, 25.5573, 7.7062



15.4898, 25.5573, 92.3561



41.6256, 25.5573, 68.1911

Rectangle

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



35.9203, 25.5573, 3.6559



20.1039, 25.5573, 2.0215



15.4898, 25.5573, 92.3561



29.0235, 25.5573, 110.3341

Sweetspot

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



35.9209, 25.5587, 3.6563



74.1383, 72.8503, 56.6920



36.2118, 18.4444, 27.4799



15.3993, 14.9621, 11.0290



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.



35.9209, 25.5587, 3.6563



46.0654, 30.9109, 3.5385



52.8568, 59.4305, 9.3016



14.1583, 14.6026, 14.3791



20.1399, 13.7177, 1.5863



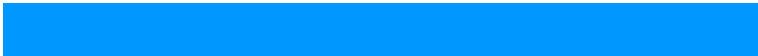
1.4821, 1.1230, 0.1386

Inverse Universe

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



23.5314, 24.9192, 74.8034



29.3188, 29.7577, 98.8063



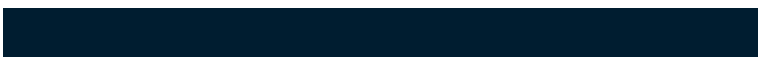
14.6046, 7.0656, 71.8278



13.6291, 14.5974, 17.4869



12.8884, 13.2464, 42.9259



0.9804, 1.0923, 3.0044

Previews

White Background



This preview shows how the XYZ color 35.9203, 25.5573, 3.6559 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 35.9203, 25.5573, 3.6559 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 35.9203, 25.5573, 3.6559

Background



This preview shows how black text looks on a background with the XYZ color 35.9203, 25.5573, 3.6559.



This preview shows how white text looks on a background with the XYZ color 35.9203, 25.5573,

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

35.9203, 25.5573, 3.6559

Protanopia

23.1647, 25.6219, 4.8870

Deuteranopia

25.9305, 25.6165, 3.5778



Tritanopia

38.4361, 25.6180, 15.2309

Trichromacy



Original Color

35.9203, 25.5573, 3.6559

Protanomaly

26.6924, 24.8157, 4.3028

Deuteranomaly

28.8680, 25.0275, 3.5103

Tritanomaly

37.1836, 25.5212, 8.9275

Monochromacy



Original Color

35.9203, 25.5573, 3.6559

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.7098, 21.8074, 12.4108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9203, 25.5573, 3.6559 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(225, 102, 19)` looks like.

```
.text, #text, p{  
    color:rgb(225, 102, 19)  
}
```

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(225, 102, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 102, 19) }
```

Border

The CSS property to change the border of an element to XYZ 35.9203, 25.5573, 3.6559 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(225, 102, 19) }
```


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

```
.border{ border-color:rgb(225, 102, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 102, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 102, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 102, 19);  
box-shadow:4px 4px 4px 4px rgb(225, 102,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9203, 25.5573, 3.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 102, 19) }
```

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

```
.background{ background-color: rgb(225,  
102, 19) }
```

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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