

Converting Colors

XYZ(35.8204, 25.1014, 8.9170)

Have a look what the booklet for
XYZ(35.8204, 25.1014, 8.9170)
contains.

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Color

**XYZ(35.8187, 25.0989,
8.9179)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6447
RGB	222, 100, 71
RGB Percent	87%, 39%, 28%
CMY	0.1294, 0.6078, 0.7216
CMYK	0.00, 0.55, 0.68, 0.13
HSL	12°, 70%, 57%
HSV	12°, 68%, 87%
XYZ	35.8187, 25.0989, 8.9179
YIQ	133.1720, 82.0210, 16.8450

Conversions

Conversions Part 2

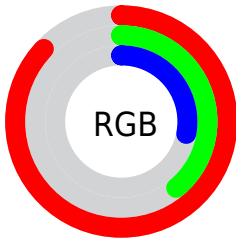
Format	Color
R_{YB}	222, 107, 71
Decimal	14574663
CIE _{Lab}	57.17, 45.76, 39.30
CIE _{LCh}	57, 60.321, 40.659
Yxy	25.0989, 0.5129, 0.3594
Android (android.graphics.Color)	4292764743 (0xFFDE6447)
YUV	133.1720, -30.6508, 77.9022
Hunter-Lab	50.0988, 39.9477, 24.5152

Details

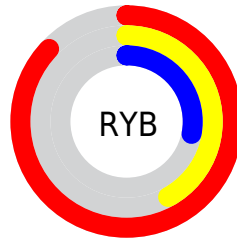
The XYZ color **35.8187, 25.0989, 8.9179** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **34.8516, 44.7500, 75.9075**, and the grayscale version is **22.4452, 23.6141, 25.7157**.

A 20% lighter version of the original color is **56.1858, 45.7273, 23.6342**, and **15.8899, 9.6803, 1.9507** is the 20% darker color. If you saturate the color by 10%, you get **33.6969, 21.7951, 5.3146**, and if you desaturate by 10%, it is **38.5804, 29.2668, 14.0183**.

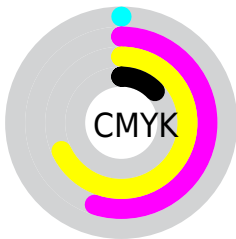
Distribution



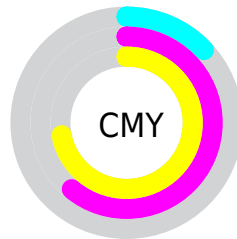
- Red (87%)
- Green (39%)
- Blue (28%)



- Red (87%)
- Yellow (42%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (68%)
- Black (13%)





- Cyan (13%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8187, 25.0989, 8.9179 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 35.8187, 25.0989, 8.9179 by changing the saturation by 10% instead.

 35.8187, 25.0989,
8.9179


 35.8187, 25.0989,
8.9179


319.6125,
278.3301, 192.9597

 24.4637, 16.1508,
4.5916


 68.0778, 51.8176,
24.3144

 15.8045, 9.6309,
1.9552


 89.7127, 70.3570,
36.2217


 9.4759, 5.1549,
0.5275


 115.5048, 92.8622,
51.4930

 5.1125, 2.3384,
0.0000

 145.8196,
119.7177, 70.5470

 2.3488, 0.7939,
0.0000

 181.0224,
151.3078, 93.8021

 0.8195, 0.0000,
0.0000

221.4786,

 0.0000, 0.0000,

188.0170, 121.6769

0.0000

267.5535,
230.2297, 154.5899

■ 35.8187, 25.0989,
8.9179

■ 35.8187, 25.0989,
8.9179

■ 33.6969, 21.7951,
5.3146

■ 38.5804, 29.2668,
14.0183

■ 32.1584, 19.2891,
3.0411

■ 42.0287, 34.3506,
20.7560

■ 31.1330, 17.5089,
1.8651

■ 46.2075, 40.4027,
29.2565

■ 30.9751, 17.2316,
1.6935

■ 51.1565, 47.4702,
39.6327

■ 56.9127, 55.5972,
51.9879

■ 63.5104, 64.8252,
66.4180

■ 70.9820, 75.1934,
83.0125

■ 79.3581, 86.7391,
101.8557

■ 83.9340, 94.2695,
108.3798

Harmonies

Analogous

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



39.9940, 25.0989, 20.7003



35.8187, 25.0989, 8.9179



28.6823, 25.0989, 4.5182

Triad

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



35.8187, 25.0989, 8.9179



13.1311, 25.0989, 16.2928



26.4780, 25.0989, 86.7903

Complementary

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



35.8187, 25.0989, 8.9179



34.8516, 44.7500, 75.9075

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.



19.6035, 25.0989, 83.5136



35.8187, 25.0989, 8.9179



12.7741, 25.0989, 35.2390

Square

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



35.8187, 25.0989, 8.9179



16.0027, 25.0989, 7.0730



14.9059, 25.0989, 61.6529



33.9315, 25.0989, 69.1568

Rectangle

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



35.8187, 25.0989, 8.9179



23.6987, 25.0989, 3.8846



14.9059, 25.0989, 61.6529



24.0134, 25.0989, 88.2541

Sweetspot

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



35.8193, 25.1003, 8.9183



76.1343, 73.6102, 67.3222



42.1505, 23.9453, 53.6257



15.8083, 15.0682, 13.3601



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.



35.8193, 25.1003, 8.9183



45.0644, 28.1230, 5.6276



46.4328, 46.3274, 12.4562



13.9193, 14.1245, 14.2995



18.4595, 10.3569, 1.0262



1.3413, 0.8414, 0.0917

Inverse Universe

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



34.8516, 44.7500, 75.9075



43.4298, 56.3137, 103.1884



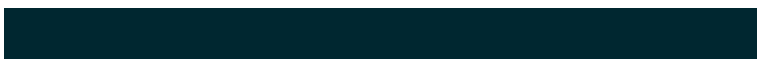
22.3584, 19.7637, 71.7431



13.8811, 15.1014, 17.5709



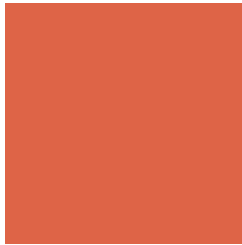
17.5268, 22.5232, 44.4720



1.2731, 1.6776, 3.1019

Previews

White Background



This preview shows how the XYZ color 35.8187, 25.0989, 8.9179 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 35.8187, 25.0989, 8.9179 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 35.8187, 25.0989, 8.9179

Background



This preview shows how black text looks on a background with the XYZ color 35.8187, 25.0989, 8.9179.



This preview shows how white text looks on a background with the XYZ color 35.8187, 25.0989,

8.9179.

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

35.8187, 25.0989, 8.9179

Protanopia

23.2664, 25.3011, 12.0448

Deuteranopia

25.6480, 25.1603, 8.5057



Tritanopia

37.3216, 25.1723, 15.4621

Trichromacy



Original Color

35.8187, 25.0989, 8.9179

Protanomaly

26.5234, 24.2099, 10.6722

Deuteranomaly

28.7159, 24.6570, 8.5560

Tritanomaly

36.5944, 24.9927, 12.7929

Monochromacy



Original Color

35.8187, 25.0989, 8.9179

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.1689, 22.7999, 17.8261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8187, 25.0989, 8.9179 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(222, 100, 71)` looks like.

```
.text, #text, p{  
    color:rgb(222, 100, 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(222, 100, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 100, 71) }
```

Border

The CSS property to change the border of an element to XYZ 35.8187, 25.0989, 8.9179 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(222, 100, 71) }
```


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

```
.border{ border-color:rgb(222, 100, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 100, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 100, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 100, 71);  
box-shadow:4px 4px 4px 4px rgb(222, 100,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8187, 25.0989, 8.9179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 100, 71) }
```

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

```
.background{ background-color: rgb(222,  
100, 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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