

Converting Colors

XYZ(35.2050, 25.8667, 4.3054)

Have a look what the booklet for
XYZ(35.2050, 25.8667, 4.3054)
contains.

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Color

**XYZ(35.2983, 25.9763,
4.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6B1D
RGB	221, 107, 29
RGB Percent	87%, 42%, 11%
CMY	0.1333, 0.5804, 0.8863
CMYK	0.00, 0.52, 0.87, 0.13
HSL	24°, 77%, 49%
HSV	24°, 87%, 87%
XYZ	35.2983, 25.9763, 4.3159
YIQ	132.1940, 92.9820, -0.0900

Conversions

Conversions Part 2

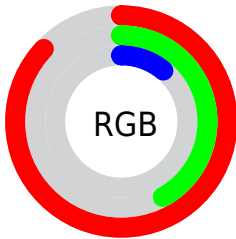
Format	Color
R_{YB}	221, 160, 29
Decimal	14510877
CIE Lab	58.01, 40.37, 59.42
CIE LCh	58, 71.835, 55.808
Yxy	25.9763, 0.5382, 0.3960
Android (android.graphics.Color)	4292700957 (0xFFDD6B1D)
YUV	132.1940, -50.8746, 77.8829
Hunter-Lab	50.9670, 34.4320, 30.6562

Details

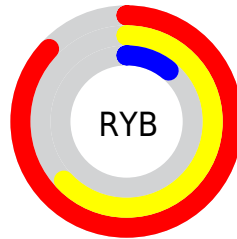
The XYZ color **35.2983, 25.9763, 4.3159** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **23.3795, 25.1250, 72.0235**, and the grayscale version is **22.1577, 23.3116, 25.3863**.

A 20% lighter version of the original color is **55.3338, 47.0108, 14.1402**, and **15.7122, 10.1993, 1.1405** is the 20% darker color. If you saturate the color by 10%, you get **33.8490, 23.3724, 2.9255**, and if you desaturate by 10%, it is **37.1504, 29.0759, 6.7981**.

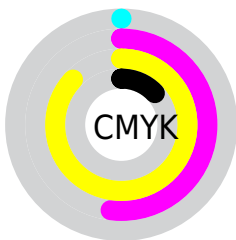
Distribution



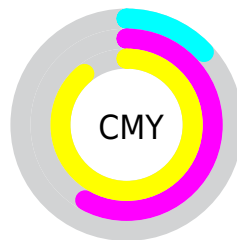
- Red (87%)
- Green (42%)
- Blue (11%)



- Red (87%)
- Yellow (63%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (87%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2983, 25.9763, 4.3159 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 35.2983, 25.9763, 4.3159 by changing the saturation by 10% instead.


 35.2983, 25.9763,
4.3159

 35.2983, 25.9763,
4.3159


317.3681,
282.6657, 151.6744


 24.0603, 16.8059,
1.8002


 67.2786, 53.2367,
14.7320

 15.5034, 10.0962,
0.4281


 88.7517, 72.0955,
23.4695

 9.2620, 5.4628,
0.0000


 114.3671, 94.9526,
35.1180

 4.9710, 2.5213,
0.0000

 144.4904,
122.1923, 50.0960

 2.2648, 0.8873,
0.0000

 179.4867,
154.1991, 68.8221

 0.7766, 0.0000,
0.0000

 219.7215,

 0.0000, 0.0000,

191.3573, 91.7149

0.0000

265.5602,
234.0514, 119.1928

35.2983, 25.9763,
4.3159

35.2983, 25.9763,
4.3159

33.8490, 23.3724,
2.9255

37.1504, 29.0759,
6.7981

33.4569, 22.6486,
2.6083

39.4497, 32.6993,
10.5710

42.2341, 36.8761,
15.7906

45.5361, 41.6318,
22.5898

49.3851, 46.9899,
31.0862

■ 53.8079, 52.9726,
41.3862

■ 58.8293, 59.6007,
53.5875

■ 64.4728, 66.8940,
67.7805

■ 70.7603, 74.8714,
84.0499

Harmonies

Analogous

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



42.9536, 25.9763, 12.1690



35.2983, 25.9763, 4.3159



25.9291, 25.9763, 2.3861

Triad

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



35.2983, 25.9763, 4.3159



11.5119, 25.9763, 24.9338



32.6856, 25.9763, 96.7575

Complementary

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



35.2983, 25.9763, 4.3159



23.3795, 25.1250, 72.0235

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.



23.4905, 25.9763, 107.6700



35.2983, 25.9763, 4.3159



12.5131, 25.9763, 54.5909

Square

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



35.2983, 25.9763, 4.3159



13.3042, 25.9763, 9.0375



16.4531, 25.9763, 89.0446



41.2140, 25.9763, 64.5131

Rectangle

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



35.2983, 25.9763, 4.3159



20.4194, 25.9763, 2.7238



16.4531, 25.9763, 89.0446



29.5174, 25.9763, 103.6291

Sweetspot

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



35.2989, 25.9777, 4.3163



74.8556, 73.8468, 58.2821



35.3074, 18.2707, 28.1318



15.5411, 15.1620, 11.3345



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.



35.2989, 25.9777, 4.3163



46.1503, 31.0806, 3.5668



51.1139, 57.6079, 9.5880



13.4882, 13.9158, 13.7007



19.5405, 13.3666, 1.5501



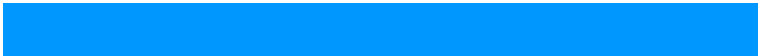
1.3492, 1.0325, 0.1282

Inverse Universe

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



23.3795, 25.1250, 72.0235



29.1808, 29.4816, 98.7603



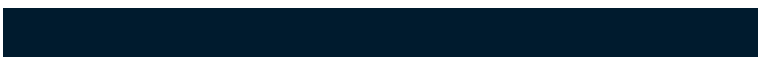
14.6231, 7.6122, 69.1047



12.9782, 13.8961, 16.6503



12.4270, 12.7233, 41.5393



0.8889, 0.9919, 2.7191

Previews

White Background



This preview shows how the XYZ color 35.2983, 25.9763, 4.3159 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 35.2983, 25.9763, 4.3159 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 35.2983, 25.9763, 4.3159

Background



This preview shows how black text looks on a background with the XYZ color 35.2983, 25.9763, 4.3159.



This preview shows how white text looks on a background with the XYZ color 35.2983, 25.9763,

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

35.2983, 25.9763, 4.3159

Protanopia

23.6166, 26.0578, 5.5352

Deuteranopia

26.5628, 26.1397, 3.8752



Tritanopia

37.9515, 26.0232, 16.9326

Trichromacy



Original Color

35.2983, 25.9763, 4.3159

Protanomaly

26.8303, 25.2571, 4.9744

Deuteranomaly

29.2935, 25.7902, 3.9243

Tritanomaly

36.6930, 25.9530, 10.4726

Monochromacy



Original Color

35.2983, 25.9763, 4.3159

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.4584, 22.8847, 13.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2983, 25.9763, 4.3159 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(221, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(221, 107, 29)  
}
```

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(221, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 107, 29) }
```

Border

The CSS property to change the border of an element to XYZ 35.2983, 25.9763, 4.3159 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(221, 107, 29) }
```


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

```
.border{ border-color:rgb(221, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(221, 107,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2983, 25.9763, 4.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 107, 29) }
```

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

```
.background{ background-color: rgb(221,  
107, 29) }
```

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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