

Converting Colors

XYZ(34.8405, 25.8065, 5.0015)

Have a look what the booklet for
XYZ(34.8405, 25.8065, 5.0015)
contains.

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Color

**XYZ(34.9258, 25.9251,
4.9970)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DB6C26 |
| RGB | 219, 108, 38 |
| RGB Percent | 86%, 42%, 15% |
| CMY | 0.1412, 0.5764, 0.8510 |
| CMYK | 0.00, 0.51, 0.83, 0.14 |
| HSL | 23°, 72%, 50% |
| HSV | 23°, 83%, 86% |
| XYZ | 34.9258, 25.9251, 4.9970 |
| YIQ | 133.2090, 88.6260, 1.7620 |

Conversions

Conversions Part 2

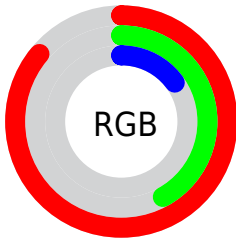
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 152, 38 |
| Decimal | 14380070 |
| CIE Lab | 57.97, 39.31, 55.92 |
| CIE LCh | 58, 68.356, 54.895 |
| Yxy | 25.9251, 0.5304, 0.3937 |
| Android (android.graphics.Color) | 4292570150 (0xFFDB6C26) |
| YUV | 133.2090, -46.9380, 75.2387 |
| Hunter-Lab | 50.9167, 33.3361, 29.8229 |

Details

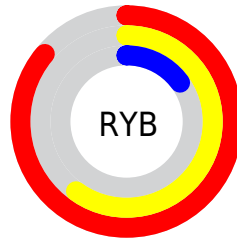
The XYZ color **34.9258, 25.9251, 4.9970** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.3321, 27.0198, 70.9502**, and the grayscale version is **22.5146, 23.6871, 25.7952**.

A 20% lighter version of the original color is **55.7880, 47.4710, 15.6737**, and **15.3678, 10.0944, 1.1384** is the 20% darker color. If you saturate the color by 10%, you get **33.3617, 23.2062, 3.2151**, and if you desaturate by 10%, it is **36.9168, 29.1663, 7.9454**.

Distribution



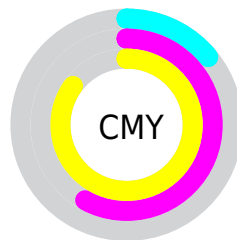
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9258, 25.9251, 4.9970 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 34.9258, 25.9251, 4.9970 by changing the saturation by 10% instead.


 34.9258, 25.9251,
4.9970


 34.9258, 25.9251,
4.9970


315.7545,
282.4142, 158.7349

 23.7720, 16.7676,
2.1868


 66.7056, 53.1541,
16.2507


 15.2884, 10.0689,
0.6667


 88.0622, 71.9944,
25.5313


 9.1097, 5.4447,
0.0000


 113.5506, 94.8311,
37.8057

 4.8705, 2.5105,
0.0000

 143.5359,
122.0485, 53.4926

 2.2054, 0.8819,
0.0000

 178.3836,
154.0312, 73.0104

 0.7456, 0.0000,
0.0000

 218.4590,

 0.0000, 0.0000,

191.1634, 96.7777

0.0000

264.1275,
233.8296, 125.2130

■ 34.9258, 25.9251,
4.9970

■ 34.9258, 25.9251,
4.9970

■ 33.3617, 23.2062,
3.2151

■ 36.9168, 29.1663,
7.9454


■ 32.4383, 21.5102,
2.4422


■ 39.3740, 32.9568,
12.2294


■ 42.3332, 37.3262,
17.9911

■ 45.8255, 42.3002,
25.3539

■ 49.8794, 47.9028,
34.4281

 54.5209, 54.1565,
45.3141

 59.7744, 61.0827,
58.1044

 65.6628, 68.7017,
72.8853

 72.2077, 77.0328,
89.7376

Harmonies

Analogous

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



41.9951, 25.9251, 13.1075



34.9258, 25.9251, 4.9970



26.0785, 25.9251, 2.8586

Triad

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



34.9258, 25.9251, 4.9970



11.9858, 25.9251, 24.3783



31.9331, 25.9251, 92.6656

Complementary

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



34.9258, 25.9251, 4.9970



24.3321, 27.0198, 70.9502

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.



23.2574, 25.9251, 101.8730



34.9258, 25.9251, 4.9970



12.8790, 25.9251, 51.9713

Square

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



34.9258, 25.9251, 4.9970



13.8160, 25.9251, 9.3439



16.6040, 25.9251, 84.0269



40.0147, 25.9251, 63.2053

Rectangle

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



34.9258, 25.9251, 4.9970



20.7874, 25.9251, 3.1609



16.6040, 25.9251, 84.0269



28.9437, 25.9251, 98.7409

Sweetspot

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



34.9264, 25.9265, 4.9974



75.2035, 74.0966, 59.7730



35.3806, 18.6360, 30.4252



15.5955, 15.1855, 11.6154



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.



34.9264, 25.9265, 4.9974



45.8294, 30.4165, 3.5287



49.7304, 55.5346, 9.9321



13.4669, 13.8732, 13.6936



19.3333, 12.9521, 1.4810



1.3345, 1.0032, 0.1233

Inverse Universe

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



24.3321, 27.0198, 70.9502



30.1998, 31.4722, 99.0908



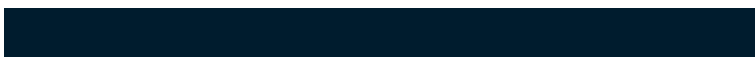
15.1556, 8.6667, 67.8913



13.0000, 13.9398, 16.6576



12.7701, 13.4096, 41.6537



0.9099, 1.0340, 2.7261

Previews

White Background



This preview shows how the XYZ color 34.9258, 25.9251, 4.9970 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 34.9258, 25.9251, 4.9970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

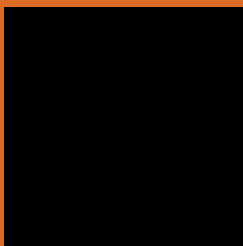
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9258, 25.9251, 4.9970

Background



This preview shows how black text looks on a background with the XYZ color 34.9258, 25.9251, 4.9970.



This preview shows how white text looks on a background with the XYZ color 34.9258, 25.9251,

4.9970.

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

34.9258, 25.9251, 4.9970

Protanopia

23.5815, 26.0213, 6.3645

Deuteranopia

26.4899, 26.0843, 4.6755



Tritanopia

37.4847, 25.9197, 17.2147

Trichromacy



Original Color

34.9258, 25.9251, 4.9970

Protanomaly

26.7456, 25.1965, 5.7393

Deuteranomaly

29.1932, 25.7207, 4.7223

Tritanomaly

36.3304, 25.8973, 11.2675

Monochromacy



Original Color

34.9258, 25.9251, 4.9970

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.7221, 23.1897, 14.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9258, 25.9251, 4.9970 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(219, 108, 38)` looks like.

```
.text, #text, p{  
    color:rgb(219, 108, 38)  
}
```

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(219, 108, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 108, 38) }
```

Border

The CSS property to change the border of an element to XYZ 34.9258, 25.9251, 4.9970 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(219, 108, 38) }
```


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

```
.border{ border-color:rgb(219, 108, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 108, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 108, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 108, 38);  
box-shadow:4px 4px 4px 4px rgb(219, 108,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9258, 25.9251, 4.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 108, 38) }
```

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

```
.background{ background-color: rgb(219,  
108, 38) }
```

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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