

Converting Colors

XYZ(35.9345, 28.1733, 5.2476)

Have a look what the booklet for
XYZ(35.9345, 28.1733, 5.2476)
contains.

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Color

**XYZ(36.0103, 28.1443,
5.2035)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7624
RGB	219, 118, 36
RGB Percent	86%, 46%, 14%
CMY	0.1412, 0.5372, 0.8588
CMYK	0.00, 0.46, 0.84, 0.14
HSL	27°, 72%, 50%
HSV	27°, 84%, 86%
XYZ	36.0103, 28.1443, 5.2035
YIQ	138.8510, 86.5180, -4.0900

Conversions

Conversions Part 2

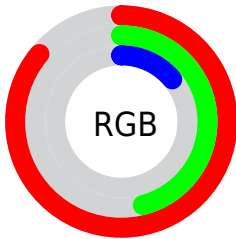
Format	Color
R_{YB}	219, 185, 36
Decimal	14382628
CIE _{Lab}	60.02, 34.13, 58.49
CIE _{LCh}	60, 67.718, 59.735
Yxy	28.1443, 0.5192, 0.4058
Android (android.graphics.Color)	4292572708 (0xFFDB7624)
YUV	138.8510, -50.7055, 70.2907
Hunter-Lab	53.0512, 28.3233, 31.3204

Details

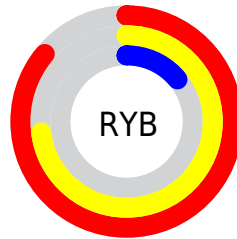
The XYZ color **36.0103, 28.1443, 5.2035** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **22.4588, 23.3796, 70.3464**, and the grayscale version is **24.6498, 25.9335, 28.2415**.

A 20% lighter version of the original color is **57.6061, 51.1071, 16.2797**, and **15.9717, 11.3023, 1.3398** is the 20% darker color. If you saturate the color by 10%, you get **34.4390, 25.3837, 3.5035**, and if you desaturate by 10%, it is **37.9695, 31.3545, 8.0408**.

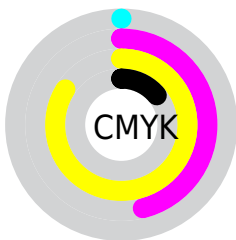
Distribution



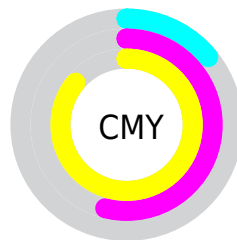
- Red (86%)
- Green (46%)
- Blue (14%)



- Red (86%)
- Yellow (73%)
- Blue (14%)



- Cyan (0%)
- Magenta (46%)
- Yellow (84%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0103, 28.1443, 5.2035 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 36.0103, 28.1443, 5.2035 by changing the saturation by 10% instead.


 36.0103, 28.1443,
5.2035


 36.0103, 28.1443,
5.2035


320.4360,
293.1558, 160.7870


 24.6123, 18.4345,
2.3063


 68.3717, 56.7147,
16.7020

 15.9156, 11.2624,
0.7348


 90.0659, 76.3441,
26.1404


 9.5549, 6.2436,
0.0000


 115.9228,
100.0488, 38.5963

 5.1649, 2.9938,
0.0000

 146.3078,
128.2132, 54.4882

 2.3801, 1.1285,
0.0000

 181.5862,
161.2217, 74.2347

 0.8352, 0.0021,
0.0000

 222.1235,

 0.0000, 0.0000,

199.4587, 98.2543

0.0000

268.2850,
243.3086, 126.9656

■ 36.0103, 28.1443,
5.2035

■ 36.0103, 28.1443,
5.2035

■ 34.4390, 25.3837,
3.5035

■ 37.9695, 31.3545,
8.0408

■ 33.5938, 23.8211,
2.8273

■ 40.3536, 35.0356,
12.1869

■ 43.1962, 39.2123,
17.7852

■ 46.5264, 43.9056,
24.9597

■ 50.3705, 49.1351,
33.8209

■ 54.7527, 54.9192,
44.4693

■ 59.6954, 61.2752,
56.9974

■ 65.2196, 68.2196,
71.4913

■ 71.3454, 75.7683,
88.0318

Harmonies

Analogous

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



43.8909, 28.1443, 12.6070



36.0103, 28.1443, 5.2035



26.8272, 28.1443, 3.4602

Triad

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



36.0103, 28.1443, 5.2035



13.3566, 28.1443, 30.4250



35.8484, 28.1443, 93.1606

Complementary

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



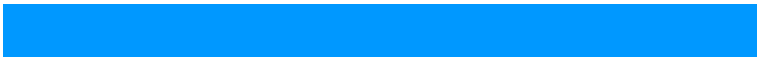
36.0103, 28.1443, 5.2035



22.4588, 23.3796, 70.3464

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.



26.6736, 28.1443, 106.9102



36.0103, 28.1443, 5.2035



14.7786, 28.1443, 60.7561

Square

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



36.0103, 28.1443, 5.2035



14.8304, 28.1443, 12.3975



19.2317, 28.1443, 92.6999



43.7841, 28.1443, 61.3592

Rectangle

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



36.0103, 28.1443, 5.2035



21.5318, 28.1443, 4.1535



19.2317, 28.1443, 92.6999



32.7505, 28.1443, 100.6215

Sweetspot

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



36.0109, 28.1458, 5.2040



76.2168, 76.1232, 60.1108



34.5558, 18.2065, 26.3884



15.8351, 15.6647, 11.6953



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.



36.0109, 28.1458, 5.2040



47.2878, 33.3556, 3.9459



51.7960, 59.7159, 10.4657



13.5340, 14.0074, 13.7160



20.0255, 14.3367, 1.7118



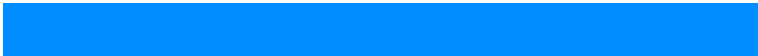
1.3825, 1.0991, 0.1393

Inverse Universe

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



22.4588, 23.3796, 70.3464



27.5351, 26.1902, 98.2117



14.5790, 7.6201, 67.7198



12.9315, 13.8027, 16.6348



11.7368, 11.3431, 41.3092



0.8459, 0.9060, 2.7047

Previews

White Background



This preview shows how the XYZ color 36.0103, 28.1443, 5.2035 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 36.0103, 28.1443, 5.2035 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 36.0103, 28.1443, 5.2035

Background



This preview shows how black text looks on a background with the XYZ color 36.0103, 28.1443, 5.2035.



This preview shows how white text looks on a background with the XYZ color 36.0103, 28.1443,

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

36.0103, 28.1443, 5.2035

Protanopia

25.6657, 28.2117, 6.3782

Deuteranopia

28.8034, 28.3188, 4.9253



Tritanopia

39.2774, 28.1478, 20.5025

Trichromacy



Original Color

36.0103, 28.1443, 5.2035

Protanomaly

28.5754, 27.5484, 5.8188

Deuteranomaly

31.1156, 28.0621, 5.0049

Tritanomaly

37.7908, 28.0444, 12.6538

Monochromacy



Original Color

36.0103, 28.1443, 5.2035

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.6630, 25.5167, 16.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0103, 28.1443, 5.2035 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, 118, 36)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 36)  
}
```

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, 118, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 36) }
```

Border

The CSS property to change the border of an element to XYZ 36.0103, 28.1443, 5.2035 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, 118, 36) }
```


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

```
.border{ border-color:rgb(219, 118, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 118, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 36);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0103, 28.1443, 5.2035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 118, 36) }
```

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

```
.background{ background-color: rgb(219,  
118, 36) }
```

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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