

Converting Colors

XYZ(36.2374, 28.2289, 6.3457)

Have a look what the booklet for
XYZ(36.2374, 28.2289, 6.3457)
contains.

XYZ(36.2254, 28.2303, 6.3360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.2254, 28.2303,
6.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	DB7630
RGB	219, 118, 48
RGB Percent	86%, 46%, 19%
CMY	0.1412, 0.5372, 0.8118
CMYK	0.00, 0.46, 0.78, 0.14
HSL	25°, 70%, 52%
HSV	25°, 78%, 86%
XYZ	36.2254, 28.2303, 6.3360
YIQ	140.2190, 82.6660, -0.3580

Conversions

Conversions Part 2

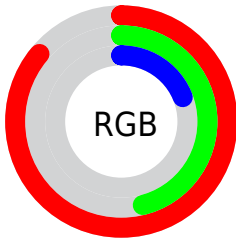
Format	Color
RYB	219, 167, 48
Decimal	14382640
CIELab	60.10, 34.52, 53.70
CIELCh	60, 63.834, 57.268
Yxy	28.2303, 0.5117, 0.3988
Android (android.graphics.Color)	4292572720 (0xFFDB7630)
YUV	140.2190, -45.4640, 69.0909
Hunter-Lab	53.1322, 28.7195, 30.1222

Details

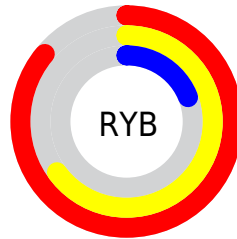
The XYZ color **36.2254, 28.2303, 6.3360** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **24.7518, 27.2363, 70.9701**, and the grayscale version is **25.1621, 26.4725, 28.8286**.

A 20% lighter version of the original color is **58.0550, 51.2867, 18.6439**, and **16.1677, 11.4033, 1.3489** is the 20% darker color. If you saturate the color by 10%, you get **34.4598, 25.2529, 4.0413**, and if you desaturate by 10%, it is **38.4241, 31.7177, 9.8751**.

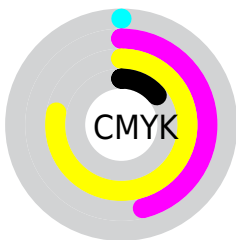
Distribution



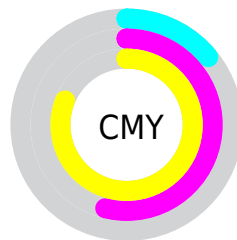
- Red (86%)
- Green (46%)
- Blue (19%)



- Red (86%)
- Yellow (65%)
- Blue (19%)



- Cyan (0%)
- Magenta (46%)
- Yellow (78%)
- Black (14%)





- Cyan (14%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2254, 28.2303, 6.3360 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 36.2254, 28.2303, 6.3360 by changing the saturation by 10% instead.


 36.2254, 28.2303,
6.3360


 36.2254, 28.2303,
6.3360


321.3587,
293.5657, 171.4423


 24.7792, 18.4993,
2.9784


 68.7014, 56.8519,
19.1140

 16.0405, 11.3091,
1.0836


 90.4620, 76.5114,
29.3714


 9.6439, 6.2751,
0.0000


 116.3914,
100.2491, 42.7659

 5.2239, 3.0131,
0.0000

 146.8550,
128.4495, 59.7159

 2.4153, 1.1386,
0.0000

 182.2182,
161.4970, 80.6400

 0.8528, 0.0107,
0.0000

 222.8463,

 0.0000, 0.0000,

199.7759, 105.9568

0.0000

269.1047,
243.6707, 136.0847

■ 36.2254, 28.2303,
6.3360

■ 36.2254, 28.2303,
6.3360

■ 34.4598, 25.2529,
4.0413

■ 38.4241, 31.7177,
9.8751

■ 33.0754, 22.7474,
2.7681

■ 41.0908, 35.7380,
14.8123

■ 32.8405, 22.3144,
2.5762

■ 44.2584, 40.3177,
21.2802

■ 47.9558, 45.4798,
29.3955

■ 52.2093, 51.2459,
39.2632

■ 57.0434, 57.6363,
50.9797

■ 62.4810, 64.6703,
64.6342

■ 68.5436, 72.3661,
80.3102

■ 75.2516, 80.7415,
98.0862

Harmonies

Analogous

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



43.3048, 28.2303, 14.4241



36.2254, 28.2303, 6.3360



27.5857, 28.2303, 4.1744

Triad

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



36.2254, 28.2303, 6.3360



14.0288, 28.2303, 28.6487



34.6684, 28.2303, 90.3514

Complementary

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



36.2254, 28.2303, 6.3360



24.7518, 27.2363, 70.9701

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.



26.0923, 28.2303, 100.8606



36.2254, 28.2303, 6.3360



15.1770, 28.2303, 56.2159

Square

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



36.2254, 28.2303, 6.3360



15.6935, 28.2303, 12.3010



19.2215, 28.2303, 86.0339



42.2855, 28.2303, 61.9392

Rectangle

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



36.2254, 28.2303, 6.3360



22.4452, 28.2303, 4.7172



19.2215, 28.2303, 86.0339



31.7562, 28.2303, 96.5700

Sweetspot

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



36.2260, 28.2318, 6.3365



76.9317, 76.6374, 63.1714



35.8239, 19.3955, 30.9640



15.9470, 15.7136, 12.2720



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.



36.2260, 28.2318, 6.3365



47.2816, 33.2019, 4.3798



50.8439, 57.4675, 11.2091



13.4916, 13.9226, 13.7018



19.5746, 13.4348, 1.5615



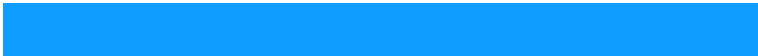
1.3516, 1.0372, 0.1290

Inverse Universe

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



24.7518, 27.2363, 70.9701



30.2869, 31.3940, 99.0711



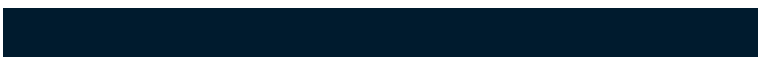
15.9013, 9.5352, 68.0199



12.9747, 13.8891, 16.6492



12.3736, 12.6166, 41.5215



0.8856, 0.9853, 2.7180

Previews

White Background



This preview shows how the XYZ color 36.2254, 28.2303, 6.3360 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 36.2254, 28.2303, 6.3360 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 36.2254, 28.2303, 6.3360

Background



This preview shows how black text looks on a background with the XYZ color 36.2254, 28.2303, 6.3360.



This preview shows how white text looks on a background with the XYZ color 36.2254, 28.2303,

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

36.2254, 28.2303, 6.3360

Protanopia

25.8930, 28.5247, 7.8825

Deuteranopia

28.7801, 28.2821, 6.0399



Tritanopia

39.1384, 28.2304, 20.8390

Trichromacy



Original Color

36.2254, 28.2303, 6.3360

Protanomaly

28.9752, 27.9326, 7.2325

Deuteranomaly

31.0766, 28.0166, 6.1527

Tritanomaly

37.8119, 28.1971, 13.8056

Monochromacy



Original Color

36.2254, 28.2303, 6.3360

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.2673, 25.9991, 17.4911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2254, 28.2303, 6.3360 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(219, 118, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 118, 48) }
```

Border

The CSS property to change the border of an element to XYZ 36.2254, 28.2303, 6.3360 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, 48) }
```


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

```
.border{ border-color:rgb(219, 118, 48) }
```

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, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 118, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 118, 48);  
box-shadow:4px 4px 4px 4px rgb(219, 118,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2254, 28.2303, 6.3360 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, 48) }
```

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

```
.background{ background-color: rgb(219,  
118, 48) }
```

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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