

Converting Colors

XYZ(36.0059, 30.4025, 6.0616)

Have a look what the booklet for
XYZ(36.0059, 30.4025, 6.0616)
contains.

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Color

**XYZ(36.1144, 30.4215,
6.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	D68229
RGB	214, 130, 41
RGB Percent	84%, 51%, 16%
CMY	0.1608, 0.4902, 0.8392
CMYK	0.00, 0.39, 0.81, 0.16
HSL	31°, 68%, 50%
HSV	31°, 81%, 84%
XYZ	36.1144, 30.4215, 6.0663
YIQ	144.9700, 78.6330, -9.8710

Conversions

Conversions Part 2

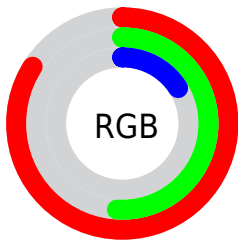
Format	Color
R _Y B	204, 214, 41
Decimal	14058025
CIE Lab	62.02, 25.87, 58.12
CIE LCh	62, 63.621, 66.007
Yxy	30.4215, 0.4974, 0.4190
Android (android.graphics.Color)	4292248105 (0xFFD68229)
YUV	144.9700, -51.2572, 60.5393
Hunter-Lab	55.1557, 20.3543, 32.0880

Details

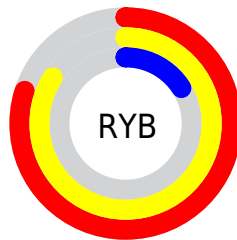
The XYZ color **36.1144, 30.4215, 6.0663** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **20.3851, 19.9926, 66.4023**, and the grayscale version is **27.0817, 28.4920, 31.0278**.

A 20% lighter version of the original color is **60.1939, 55.9351, 18.2137**, and **16.0055, 12.5096, 1.5710** is the 20% darker color. If you saturate the color by 10%, you get **34.5245, 27.6860, 4.1677**, and if you desaturate by 10%, it is **38.0480, 33.5205, 9.0803**.

Distribution



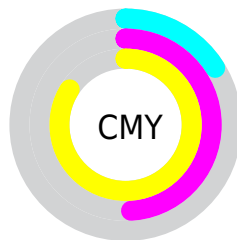
- Red (84%)
- Green (51%)
- Blue (16%)



- Red (80%)
- Yellow (84%)
- Blue (16%)



- Cyan (0%)
- Magenta (39%)
- Yellow (81%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1144, 30.4215, 6.0663 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 36.1144, 30.4215, 6.0663 by changing the saturation by 10% instead.


 36.1144, 30.4215,
6.0663


 36.1144, 30.4215,
6.0663


320.8828,
303.8642, 168.9880


 24.6931, 20.1587,
2.8160


 68.5313, 60.3281,
18.5484

 15.9760, 12.5105,
1.0015


 90.2576, 80.7408,
28.6173


 9.5979, 7.0923,
0.0000


 116.1496,
105.3055, 41.7961

 5.1934, 3.5199,
0.0000

 146.5727,
134.4067, 58.5033

 2.3971, 1.4088,
0.0000

 181.8922,
168.4288, 79.1576

 0.8437, 0.2232,
0.0000

 222.4735,

 0.0000, 0.0000,

207.7562, 104.1775

0.0000

268.6819,
252.7732, 133.9814

■ 36.1144, 30.4215,
6.0663

■ 36.1144, 30.4215,
6.0663

■ 34.5245, 27.6860,
4.1677

■ 38.0480, 33.5205,
9.0803

■ 33.3179, 25.4692,
3.1600

■ 40.3561, 36.9976,
13.3613

■ 43.0673, 40.8716,
19.0384

■ 46.2064, 45.1583,
26.2242

■ 49.7959, 49.8723,
35.0198

■ 53.8564, 55.0274,
45.5173

■ 58.4073, 60.6365,
57.8018

■ 63.4667, 66.7120,
71.9528

■ 69.0514, 73.2656,
88.0448

Harmonies

Analogous

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



44.3260, 30.4215, 12.4636



36.1144, 30.4215, 6.0663



27.2310, 30.4215, 4.9207

Triad

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



36.1144, 30.4215, 6.0663



15.4718, 30.4215, 38.2903



39.6757, 30.4215, 87.5474

Complementary

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



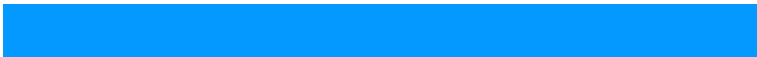
36.1144, 30.4215, 6.0663



20.3851, 19.9926, 66.4023

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.



30.6665, 30.4215, 105.3010



36.1144, 30.4215, 6.0663



17.5671, 30.4215, 69.1504

Square

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



36.1144, 30.4215, 6.0663



16.3636, 30.4215, 17.4524



22.7418, 30.4215, 97.2912



46.6489, 30.4215, 56.1464

Rectangle

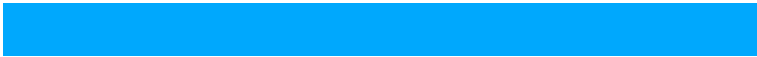
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36.1144, 30.4215, 6.0663



22.2990, 30.4215, 6.2943



22.7418, 30.4215, 97.2912



36.7244, 30.4215, 95.8657

Sweetspot

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



36.1151, 30.4231, 6.0669



77.9578, 79.1514, 62.0902



32.3879, 17.4275, 21.9071



16.2222, 16.3522, 12.0917



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.



36.1151, 30.4231, 6.0669



49.9329, 38.5788, 5.0344



52.1780, 62.5489, 11.4211



12.9463, 13.4669, 13.0777



20.2434, 15.6040, 1.9449



1.3037, 1.1067, 0.1449

Inverse Universe

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



20.3851, 19.9926, 66.4023



25.8314, 22.6407, 97.6164



13.8451, 6.9125, 64.2223



12.2353, 12.9940, 15.8007



10.4259, 9.1135, 39.6627



0.7115, 0.7151, 2.4198

Previews

White Background



This preview shows how the XYZ color 36.1144, 30.4215, 6.0663 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 36.1144, 30.4215, 6.0663 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 ✓ Pass

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

XYZ 36.1144, 30.4215, 6.0663

Background



This preview shows how black text looks on a background with the XYZ color 36.1144, 30.4215, 6.0663.



This preview shows how white text looks on a background with the XYZ color 36.1144, 30.4215,

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

36.1144, 30.4215, 6.0663

Protanopia

27.7082, 30.6553, 7.0415

Deuteranopia

31.1272, 30.5911, 5.9332



Tritanopia

40.0801, 30.3465, 24.8641

Trichromacy



Original Color

36.1144, 30.4215, 6.0663

Protanomaly

30.2847, 30.1411, 6.6045

Deuteranomaly

32.7270, 30.3227, 5.9617

Tritanomaly

38.0275, 30.0489, 15.3510

Monochromacy



Original Color

36.1144, 30.4215, 6.0663

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6095, 28.3638, 17.8768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1144, 30.4215, 6.0663 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(214, 130, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 130, 41)  
}
```

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(214, 130, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 130, 41) }
```

Border

The CSS property to change the border of an element to XYZ 36.1144, 30.4215, 6.0663 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(214, 130, 41) }
```


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

```
.border{ border-color:rgb(214, 130, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 130, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 130, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 130, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 130,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1144, 30.4215, 6.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 130, 41) }
```

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

```
.background{ background-color: rgb(214,  
130, 41) }
```

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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