

Converting Colors

YUV(57.0430, -28.1222,
106.9563)

Have a look what the booklet for
YUV(57.0430, -28.1222, 106.9563)
contains.

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Color

**YUV(57.0430, -28.1222,
106.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	B30600
RGB	179, 6, 0
RGB Percent	70%, 2%, 0%
CMY	0.2980, 0.9765, 1.0000
CMYK	0.00, 0.97, 1.00, 0.30
HSL	2°, 100%, 35%
HSV	2°, 100%, 70%
XYZ	18.6555, 9.7140, 0.8917
YIQ	57.0430, 105.0340, 34.8100

Conversions

Conversions Part 2

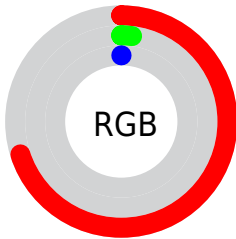
Format	Color
R_{YB}	179, 6, 0
Decimal	11732480
CIE Lab	37.32, 60.73, 51.60
CIE LCh	37, 79.690, 40.351
Yxy	9.7140, 0.6376, 0.3320
Android (android.graphics.Color)	4289922560 (0xFFB30600)
YUV	57.0430, -28.1222, 106.9563
Hunter-Lab	31.1672, 52.3008, 20.1207

Details

The YUV color **57.0430, -28.1222, 106.9563** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **121.9570, 28.1222, -106.9563**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2030, -37.5681, 103.3080**, and **34.6840, -17.0992, 71.3141** is the 20% darker color. If you saturate the color by 10%, you get **57.0430, -28.1222, 106.9563**, and if you desaturate by 10%, it is **69.0740, -25.1795, 96.4051**.

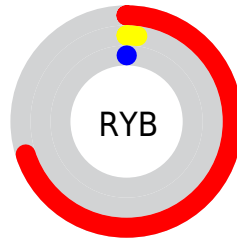
Distribution



Red (70%)

Green (2%)

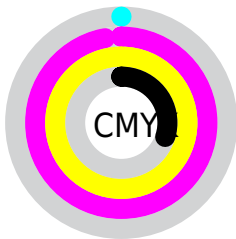
Blue (0%)



Red (70%)

Yellow (2%)

Blue (0%)

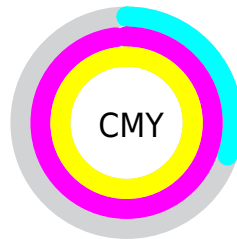


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (30%)



Cyan (30%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 57.0430, -28.1222, 106.9563 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 YUV color 57.0430, -28.1222, 106.9563 by changing the saturation by 10% instead.


 57.0430, -28.1222,
106.9563

 57.0430, -28.1222,
106.9563


 252.6060, -9.1728,
2.0995


 43.9530, -21.6688,
90.3722


 126.2030,
-37.5681, 103.3080

 34.6840, -17.0992,
71.3141


 148.6640,
-36.8094, 93.2567

 25.4150, -12.5296,
52.2560

 168.5370,
-34.2817, 75.8281

 17.2710, -7.5286,
34.8423

 187.8230,
-31.4647, 58.9142

 4.4850, -2.2111,
9.2217


 207.9240,
-28.0635, 41.2857


 0.0000, 0.0000,
0.0000


 228.0250,


-24.6623, 23.6571

 248.8270,
-21.1137, 5.4137


 57.0430, -28.1222,
106.9563

 69.0740, -25.1795,
96.4051

 81.6920, -22.5262,
85.3391

 93.7230, -19.5834,
74.7879

 105.7540,
-16.6407, 64.2367

 117.7850,
-13.6980, 53.6856

■ 130.2890,
-11.4815, 42.7195

■ 142.3200, -8.5388,
32.1684

■ 154.3510, -5.5960,
21.6172

■ 166.9690, -2.9427,
10.5512

Harmonies

Analogous

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



65.8720, 1.5421, 112.3683



57.0430, -28.1222, 106.9563



82.0750, -40.4630, 51.6772

Triad

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



57.0430, -28.1222, 106.9563



69.1300, -14.3611, -60.6270



77.5680, 68.7400, -68.0271

Complementary

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



57.0430, -28.1222, 106.9563



121.9570, 28.1222, -106.9563

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.



86.8630, 61.1995, -76.1789



57.0430, -28.1222, 106.9563



78.1700, 15.1992, -68.5551

Square

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



57.0430, -28.1222, 106.9563



61.6350, -30.3861, -54.0539



85.2380, 42.2807, -74.7537



86.9060, 49.8393, 21.1304

Rectangle

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



57.0430, -28.1222, 106.9563



82.4750, -40.6602, 21.5084



85.2380, 42.2807, -74.7537



82.0190, 68.0246, -71.9307

Sweetspot

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



57.0430, -28.1222, 106.9563



184.6910, -11.1867, 41.4900



73.2430, 49.1802, 92.7489



88.1450, -6.4805, 25.3058



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0430, -28.1222, 106.9563



74.0640, -36.5136, 138.5099



109.2860, -53.8780, 61.1392



83.2780, -1.6161, 5.0182



48.6820, -24.0002, 91.4869



8.3610, -4.1220, 15.4694

Inverse Universe

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



121.9570, 28.1222, -106.9563



157.9360, 36.5136, -138.5099



69.7140, 53.8780, -61.1392



86.3090, 1.3267, -5.5330



104.3180, 24.0002, -91.4869



17.6390, 4.1220, -15.4694

Previews

White Background



This preview shows how the YUV color 57.0430, -28.1222, 106.9563 looks on a white 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

Black 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

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

YUV 57.0430, -28.1222, 106.9563

Background



This preview shows how black text looks on a background with the YUV color 57.0430, -28.1222, 106.9563.



This preview shows how white text looks on a background with the YUV color 57.0430, -28.1222,

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



Protanopia

86.5370, -31.3237, 13.5611

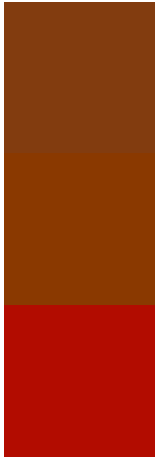
Deuteranopia

84.5680, -41.6920, 25.8119

Tritanopia

62.6140, -30.8687, 101.1935

Trichromacy



Protanomaly

75.8000, -29.9744, 47.5334

Deuteranomaly

74.7210, -36.8375, 55.4957

Tritanomaly

60.2660, -29.7111, 103.2527

Monochromacy



Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.6090, -10.1602, 38.9309

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.0430, -28.1222, 106.9563 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(179, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(179, 6, 0)  
}
```

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(179, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 6, 0) }
```

Border

The CSS property to change the border of an element to YUV 57.0430, -28.1222, 106.9563 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(179, 6, 0) }
```

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

```
.border{ border-color:rgb(179, 6, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 6, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(179, 6, 0); box-shadow:4px  
4px 4px 4px rgb(179, 6, 0) }
```


Background

The CSS property to change the background color of an element to YUV 57.0430, -28.1222, 106.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 6, 0) }
```

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

```
.background{ background-color: rgb(179, 6,  
0) }
```

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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