

Converting Colors

YUV(68.6020, -25.9328,
104.7120)

Have a look what the booklet for
YUV(68.6020, -25.9328, 104.7120)
contains.

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Color

**YUV(68.6020, -25.9328,
104.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	BC1210
RGB	188, 18, 16
RGB Percent	74%, 7%, 6%
CMY	0.2627, 0.9294, 0.9373
CMYK	0.00, 0.90, 0.91, 0.26
HSL	1°, 84%, 40%
HSV	1°, 91%, 74%
XYZ	21.0489, 11.1614, 1.5352
YIQ	68.6020, 101.9620, 35.4180

Conversions

Conversions Part 2

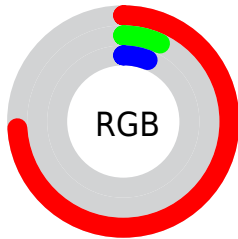
Format	Color
RYB	188, 18, 16
Decimal	12325392
CIELab	39.85, 61.77, 47.98
CIElCh	40, 78.213, 37.838
Yxy	11.1614, 0.6238, 0.3308
Android (android.graphics.Color)	4290515472 (0xFFBC1210)
YUV	68.6020, -25.9328, 104.7120
Hunter-Lab	33.4087, 53.9974, 20.6616

Details

The YUV color **68.6020, -25.9328, 104.7120** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **135.3980, 25.9328, -104.7120**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.8980, -34.9527, 104.4525**, and **37.3750, -18.4259, 76.8471** is the 20% darker color. If you saturate the color by 10%, you get **57.3860, -28.2913, 114.5485**, and if you desaturate by 10%, it is **81.9210, -23.1321, 93.0313**.

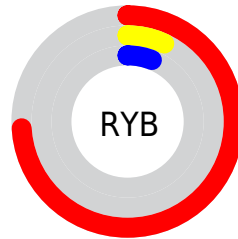
Distribution



Red (74%)

Green (7%)

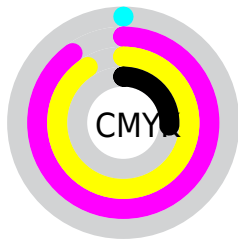
Blue (6%)



Red (74%)

Yellow (7%)

Blue (6%)

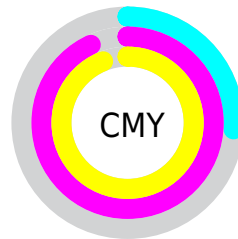


Cyan (0%)

Magenta (90%)

Yellow (91%)

Black (26%)



Cyan (26%)


Magenta (93%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 68.6020, -25.9328, 104.7120 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 68.6020, -25.9328, 104.7120 by changing the saturation by 10% instead.


 68.6020, -25.9328,
104.7120

 68.6020, -25.9328,
104.7120


 254.3160, -2.6208,
0.5999


 46.6440, -22.9955,
95.9052


 133.8980,
-34.9527, 104.4525


 37.3750, -18.4259,
76.8471


 153.6680,
-32.8673, 88.8682

 28.1060, -13.8563,
57.7890

 173.5410,
-30.3397, 71.4395

 20.0760, -8.4185,
40.2753

 192.9410,
-27.0859, 54.4257


 9.6820, -4.2802,
19.5729


 213.0420,
-23.6847, 36.7972


 0.0000, 0.0000,
0.0000


 233.7300,


-20.5729, 18.6538


 251.0100,
-15.2879, 3.4992

 68.6020, -25.9328,
104.7120


 68.6020, -25.9328,
104.7120

 57.3860, -28.2913,
114.5485

 81.9210, -23.1321,
93.0313

 94.6530, -20.0419,
81.8653

 107.8580,
-17.6780, 70.2845

 120.5900,
-14.5879, 59.1186

 133.9090,
-11.7871, 47.4378

■ 146.6410, -8.6970,
36.2718

■ 159.9600, -5.8963,
24.5911

■ 173.1650, -3.5323,
13.0103

■ 185.8970, -0.4422,
1.8443

Harmonies

Analogous

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



68.9200, 5.4624, 114.9572



68.6020, -25.9328, 104.7120



87.7120, -43.2420, 56.3806

Triad

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



68.6020, -25.9328, 104.7120



72.7660, -15.6606, -63.8158



82.9480, 69.0456, -72.7454

Complementary

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



68.6020, -25.9328, 104.7120



135.3980, 25.9328, -104.7120

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.



91.3140, 60.4842, -80.0824



68.6020, -25.9328, 104.7120



82.3930, 13.6103, -72.2587

Square

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



68.6020, -25.9328, 104.7120



66.9620, -33.0123, -51.7097



89.4610, 40.6917, -78.4573



93.7910, 50.8820, 13.3383

Rectangle

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



68.6020, -25.9328, 104.7120



88.4110, -43.5866, 26.8266



89.4610, 40.6917, -78.4573



87.1710, 67.4567, -76.4490

Sweetspot

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



68.6020, -25.9328, 104.7120



198.7340, -9.7289, 40.5753



87.0360, 49.7753, 88.5454



95.2480, -6.0383, 23.4615



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



68.6020, -25.9328, 104.7120



75.0160, -36.9829, 149.0760



117.9100, -50.2416, 61.4689



87.6910, -1.3267, 5.5330



48.4160, -23.8691, 96.1052



9.2690, -4.5696, 19.0581

Inverse Universe

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



135.3980, 25.9328, -104.7120



169.9840, 36.9829, -149.0760



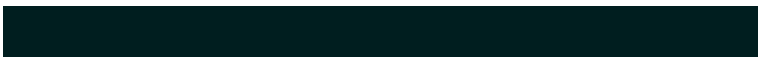
86.0900, 50.2416, -61.4689



91.3090, 1.3267, -5.5330



109.5840, 23.8691, -96.1052



21.1440, 4.8590, -18.5433

Previews

White Background



This preview shows how the YUV color 68.6020, -25.9328, 104.7120 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 × Fail

Black 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

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

YUV 68.6020, -25.9328, 104.7120

Background



This preview shows how black text looks on a background with the YUV color 68.6020, -25.9328, 104.7120.



This preview shows how white text looks on a background with the YUV color 68.6020, -25.9328,

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

68.6020, -25.9328, 104.7120

Protanopia

91.9930, -29.5765, 13.1611

Deuteranopia

89.5960, -44.1708, 27.5413



Tritanopia

68.5050, -28.8430, 104.7971

Trichromacy



Original Color

68.6020, -25.9328, 104.7120

Protanomaly

83.5440, -28.3692, 46.0039

Deuteranomaly

81.6070, -37.2743, 55.5957

Tritanomaly

68.7330, -27.9694, 104.5972

Monochromacy



Original Color

68.6020, -25.9328, 104.7120

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.5380, -9.1392, 38.1162

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.6020, -25.9328, 104.7120 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(188, 18, 16)` looks like.

```
.text, #text, p{  
    color:rgb(188, 18, 16)  
}
```

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(188, 18, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 18, 16) }
```

Border

The CSS property to change the border of an element to YUV 68.6020, -25.9328, 104.7120 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(188, 18, 16) }
```


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

```
.border{ border-color:rgb(188, 18, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 18, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 18, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 18, 16);  
box-shadow:4px 4px 4px 4px rgb(188, 18,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 68.6020, -25.9328, 104.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 18, 16) }
```

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

```
.background{ background-color: rgb(188, 18,  
16) }
```

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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