

Converting Colors

YUV(68.1170, -20.2707,
108.6454)

Have a look what the booklet for
YUV(68.1170, -20.2707, 108.6454)
contains.

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Color

**YUV(68.1170, -20.2707,
108.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	C00D1B
RGB	192, 13, 27
RGB Percent	75%, 5%, 11%
CMY	0.2471, 0.9490, 0.8941
CMYK	0.00, 0.93, 0.86, 0.25
HSL	355°, 87%, 40%
HSV	355°, 93%, 75%
XYZ	22.0800, 11.5734, 2.1071
YIQ	68.1170, 102.1900, 42.3020

Conversions

Conversions Part 2

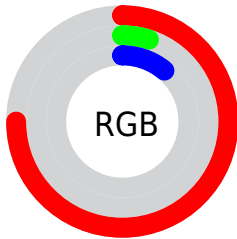
Format	Color
RYB	192, 13, 27
Decimal	12586267
CIELab	40.53, 63.70, 43.77
CIELCh	41, 77.291, 34.493
Yxy	11.5734, 0.6174, 0.3236
Android (android.graphics.Color)	4290776347 (0xFFC00D1B)
YUV	68.1170, -20.2707, 108.6454
Hunter-Lab	34.0198, 56.3179, 20.1416

Details

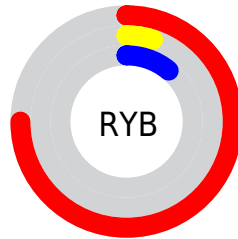
The YUV color **68.1170, -20.2707, 108.6454** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **136.8830, 20.2707, -108.6454**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0490, -30.5902, 105.1970**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **59.1180, -21.7502, 116.5375**, and if you desaturate by 10%, it is **81.3220, -17.9067, 97.0646**.

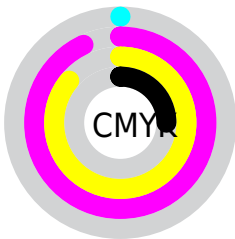
Distribution



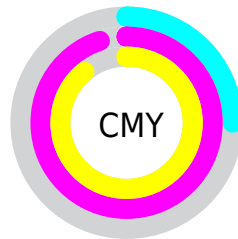
- Red (75%)
- Green (5%)
- Blue (11%)



- Red (75%)
- Yellow (5%)
- Blue (11%)



- Cyan (0%)
- Magenta (93%)
- Yellow (86%)
- Black (25%)



- Cyan (25%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.1170, -20.2707, 108.6454 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 68.1170, -20.2707, 108.6454 by changing the saturation by 10% instead.

■ 68.1170, -20.2707,
108.6454

■ 68.1170, -20.2707,
108.6454

255.0000, 0.0000,
0.0000

■ 48.2960, -21.8379,
97.9644

■ 135.0490,
-30.5902, 105.1970

■ 38.5710, -19.0155,
79.3062

■ 154.8080,
-28.4993, 87.8684

■ 29.0030, -14.2985,
59.6334

■ 174.6810,
-25.9717, 70.4398

■ 20.9730, -8.8607,
42.1197

■ 194.0810,
-22.7179, 53.4260

■ 11.1770, -5.0173,
22.6468

■ 214.7690,
-19.6061, 35.2826

■ 0.0000, 0.0000,
0.0000

■ 234.8700,

-16.2049, 17.6540

■ 252.2640,
-10.4832, 2.3995

■ 68.1170, -20.2707,
108.6454

■ 68.1170, -20.2707,
108.6454

■ 59.1180, -21.7502,
116.5375

■ 81.3220, -17.9067,
97.0646

■ 94.4130, -15.9796,
85.5838

■ 108.2050,
-13.9051, 73.4882

■ 121.4100,
-11.5411, 61.9074

■ 134.5010, -9.6140,
50.4266

■ 147.7060, -7.2501,
38.8458

■ 160.9110, -4.8861,
27.2651

■ 174.7030, -2.8116,
15.1695

■ 187.7940, -0.8844,
3.6887

Harmonies

Analogous

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



70.2450, 9.2462, 114.6721



68.1170, -20.2707, 108.6454



88.6310, -43.6951, 61.7136

Triad

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



68.1170, -20.2707, 108.6454



73.2560, -18.8602, -64.2455



85.4100, 68.3249, -74.9046

Complementary

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



68.1170, -20.2707, 108.6454



136.8830, 20.2707, -108.6454

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.



92.1460, 58.5950, -80.8120



68.1170, -20.2707, 108.6454



82.2960, 10.7001, -72.1736

Square

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



68.1170, -20.2707, 108.6454



75.6220, -37.2816, -35.6255



90.0650, 37.9290, -78.9870



95.1810, 52.6618, 2.4723

Rectangle

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



68.1170, -20.2707, 108.6454



90.2160, -44.4765, 32.2596



90.0650, 37.9290, -78.9870



88.9320, 66.5885, -77.9934

Sweetspot

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



68.1170, -20.2707, 108.6454



201.5000, -8.1345, 42.5345



82.4420, 54.0121, 82.9274



95.3130, -4.5913, 26.0355



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



68.1170, -20.2707, 108.6454



77.0300, -28.1158, 151.6947



110.5460, -48.0902, 71.4352



90.1040, -1.0373, 6.0478



49.6210, -18.0542, 97.6794



10.2090, -3.5540, 19.9877

Inverse Universe

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



68.1170, -20.2707, 108.6454



77.0300, -28.1158, 151.6947



94.4540, 48.0902, -71.4352



90.1040, -1.0373, 6.0478



49.6210, -18.0542, 97.6794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 68.1170, -20.2707, 108.6454 looks on a white background.

Color Contrast Check

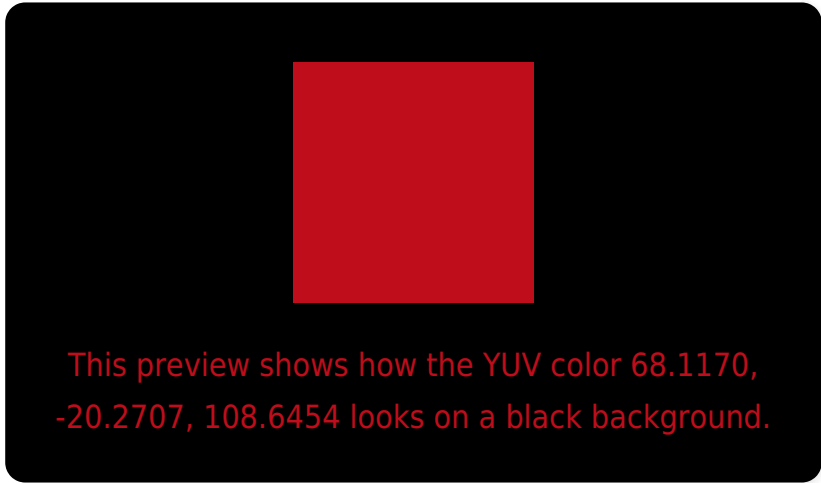
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.1170, -20.2707, 108.6454

Background



This preview shows how black text looks on a background with the YUV color 68.1170, -20.2707, 108.6454.



This preview shows how white text looks on a background with the YUV color 68.1170, -20.2707,

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

68.1170, -20.2707, 108.6454

Protanopia

94.9480, -24.6244, 11.4466

Deuteranopia

90.7810, -44.7550, 28.2561



Tritanopia

67.3870, -33.2218, 109.2856

Trichromacy



Original Color

68.1170, -20.2707, 108.6454

Protanomaly

85.2220, -23.2804, 47.1633

Deuteranomaly

82.3730, -35.6799, 57.5549

Tritanomaly

67.9400, -28.5644, 108.8006

Monochromacy



Original Color

68.1170, -20.2707, 108.6454

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0050, -7.3975, 39.4606

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.1170, -20.2707, 108.6454 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(192, 13, 27)` looks like.

```
.text, #text, p{  
    color:rgb(192, 13, 27)  
}
```

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(192, 13, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 13, 27) }
```

Border

The CSS property to change the border of an element to YUV 68.1170, -20.2707, 108.6454 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(192, 13, 27) }
```


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

```
.border{ border-color:rgb(192, 13, 27) }
```

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

Here you see how a box with a 4 pixel rgb(192, 13, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 13, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 13, 27);  
box-shadow:4px 4px 4px 4px rgb(192, 13,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 68.1170, -20.2707, 108.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 13, 27) }
```

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

```
.background{ background-color: rgb(192, 13,  
27) }
```

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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