

Converting Colors

YUV(69.8720, -18.6709,
108.8603)

Have a look what the booklet for
YUV(69.8720, -18.6709, 108.8603)
contains.

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Color

**YUV(69.8720, -18.6709,
108.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	C20E20
RGB	194, 14, 32
RGB Percent	76%, 5%, 13%
CMY	0.2392, 0.9451, 0.8745
CMYK	0.00, 0.93, 0.84, 0.24
HSL	354°, 87%, 41%
HSV	354°, 93%, 76%
XYZ	22.6659, 11.8877, 2.4664
YIQ	69.8720, 101.5020, 43.7580

Conversions

Conversions Part 2

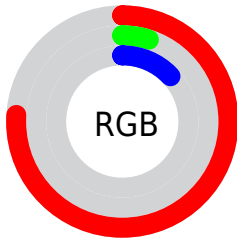
Format	Color
RYB	194, 14, 32
Decimal	12717600
CIELab	41.04, 64.21, 41.75
CIELCh	41, 76.592, 33.032
Yxy	11.8877, 0.6123, 0.3211
Android (android.graphics.Color)	4290907680 (0xFFC20E20)
YUV	69.8720, -18.6709, 108.8603
Hunter-Lab	34.4785, 57.0069, 19.8937

Details

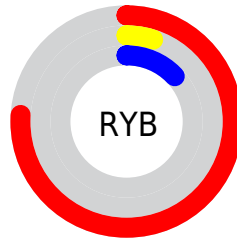
The YUV color **69.8720, -18.6709, 108.8603** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **138.1280, 18.6709, -108.8603**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2060, -28.6956, 104.1823**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **60.1720, -20.2978, 117.3672**, and if you desaturate by 10%, it is **82.9630, -16.7438, 97.3794**.

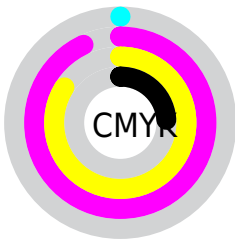
Distribution



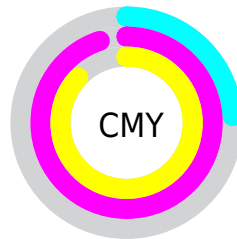
- Red (76%)
- Green (5%)
- Blue (13%)



- Red (76%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (84%)
- Black (24%)





- Cyan (24%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 69.8720, -18.6709, 108.8603 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 69.8720, -18.6709, 108.8603 by changing the saturation by 10% instead.


 69.8720, -18.6709,
108.8603

 69.8720, -18.6709,
108.8603


255.0000, 0.0000,
0.0000

 49.5780, -19.5120,
98.5941


 136.2060,
-28.6956, 104.1823


 39.1690, -19.3103,
80.5358


 155.9650,
-26.6047, 86.8537


 29.6010, -14.5933,
60.8629

 175.8380,
-24.0771, 69.4251

 21.5710, -9.1555,
43.3492

 195.2380,
-20.8233, 52.4113

 11.7750, -5.3121,
23.8763

 215.9260,
-17.7115, 34.2679

 0.0000, 0.0000,
0.0000

 236.1410,

-13.8735, 16.5393

■ 252.8340, -8.2992,
1.8996

■ 69.8720, -18.6709,
108.8603

■ 69.8720, -18.6709,
108.8603

■ 60.1720, -20.2978,
117.3672

■ 82.9630, -16.7438,
97.3794

■ 96.7550, -14.6692,
85.2839

■ 109.8460,
-12.7421, 73.8031

■ 123.6380,
-10.6675, 61.7075

■ 136.7290, -8.7404,
50.2267

■ 149.9340, -6.3765,
38.6459

■ 163.6120, -4.7387,
26.6503

■ 176.8170, -2.3748,
15.0695

■ 190.4950, -0.7370,
3.0739

Harmonies

Analogous

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



70.7010, 10.9934, 114.2722



69.8720, -18.6709, 108.8603



88.9410, -43.8479, 64.0727

Triad

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



69.8720, -18.6709, 108.8603



73.6150, -20.0232, -64.5604



86.6980, 68.1829, -76.0341

Complementary

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



69.8720, -18.6709, 108.8603



138.1280, 18.6709, -108.8603

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.



93.2060, 57.5794, -81.7417



69.8720, -18.6709, 108.8603



83.2420, 9.2477, -73.0032

Square

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



69.8720, -18.6709, 108.8603



78.6010, -38.7503, -31.2221



90.4240, 36.7660, -79.3018



95.9740, 53.2568, -1.7312

Rectangle

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



69.8720, -18.6709, 108.8603



91.4120, -45.0661, 34.7187



90.4240, 36.7660, -79.3018



90.1060, 66.0097, -79.0230

Sweetspot

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



69.8720, -18.6709, 108.8603



203.7280, -7.2609, 42.3345



82.9580, 54.7437, 81.5978



97.6120, -4.7387, 26.6503



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



69.8720, -18.6709, 108.8603



78.1980, -26.2266, 152.4244



110.0840, -47.3694, 73.5943



90.1040, -1.0373, 6.0478



49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Inverse Universe

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



69.8720, -18.6709, 108.8603



78.1980, -26.2266, 152.4244



97.9160, 47.3694, -73.5943



90.1040, -1.0373, 6.0478



49.9630, -16.7438, 97.3794



10.2090, -3.5540, 19.9877

Previews

White Background



This preview shows how the YUV color 69.8720, -18.6709, 108.8603 looks on a white background.

Color Contrast Check

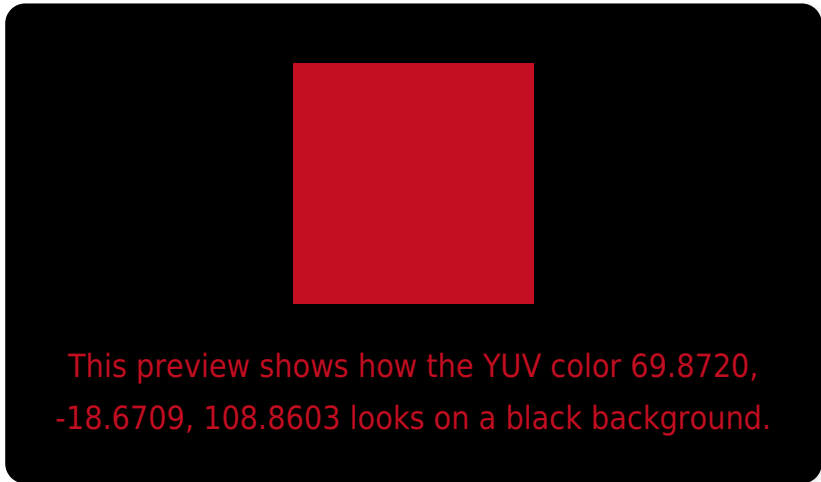
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.8720, -18.6709, 108.8603

Background



This preview shows how black text looks on a background with the YUV color 69.8720, -18.6709, 108.8603.



This preview shows how white text looks on a background with the YUV color 69.8720, -18.6709,

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

69.8720, -18.6709, 108.8603

Protanopia

96.5180, -22.4404, 10.9467

Deuteranopia

93.1060, -40.9713, 27.9710



Tritanopia

70.1850, -30.1642, 108.5858

Trichromacy



Original Color

69.8720, -18.6709, 108.8603

Protanomaly

86.7920, -21.0965, 46.6634

Deuteranomaly

84.4700, -32.7697, 57.4698

Tritanomaly

69.9230, -26.0910, 108.8155

Monochromacy



Original Color

69.8720, -18.6709, 108.8603

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1190, -6.9607, 39.3606

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8720, -18.6709, 108.8603 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(194, 14, 32)` looks like.

```
.text, #text, p{  
    color:rgb(194, 14, 32)  
}
```

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(194, 14, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 14, 32) }
```

Border

The CSS property to change the border of an element to YUV 69.8720, -18.6709, 108.8603 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(194, 14, 32) }
```


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

```
.border{ border-color:rgb(194, 14, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 14, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 14, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 14, 32);  
box-shadow:4px 4px 4px 4px rgb(194, 14,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 69.8720, -18.6709, 108.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 14, 32) }
```

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

```
.background{ background-color: rgb(194, 14,  
32) }
```

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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