

Converting Colors

YUV(65.3220, -31.2177,
119.8666)

Have a look what the booklet for
YUV(65.3220, -31.2177, 119.8666)
contains.

YUV(65.3220, -31.2177, 119.8666)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(65.3220, -31.2177,
119.8666)**

Conversions

Conversions Part 1

Format	Color
Hex	CA0802
RGB	202, 8, 2
RGB Percent	79%, 3%, 1%
CMY	0.2078, 0.9686, 0.9922
CMYK	0.00, 0.96, 0.99, 0.21
HSL	2°, 98%, 40%
HSV	2°, 99%, 79%
XYZ	24.4549, 12.7346, 1.2265
YIQ	65.3220, 117.5500, 39.2620

Conversions

Conversions Part 2

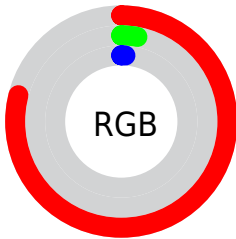
Format	Color
RYB	202, 8, 2
Decimal	13240322
CIELab	42.36, 66.46, 55.79
CIElCh	42, 86.771, 40.011
Yxy	12.7346, 0.6366, 0.3315
Android (android.graphics.Color)	4291430402 (0xFFCA0802)
YUV	65.3220, -31.2177, 119.8666
Hunter-Lab	35.6856, 59.8742, 22.9421

Details

The YUV color **65.3220, -31.2177, 119.8666** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **138.6780, 31.2177, -119.8666**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4700, -39.1787, 106.5818**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **63.9200, -31.5126, 121.0962**, and if you desaturate by 10%, it is **79.3420, -28.2696, 107.5711**.

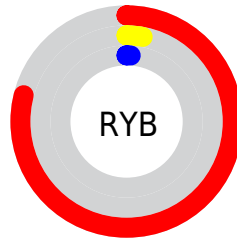
Distribution



Red (79%)

Green (3%)

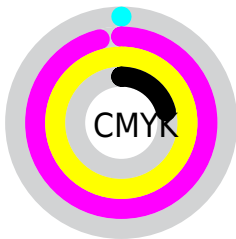
Blue (1%)



Red (79%)

Yellow (3%)

Blue (1%)

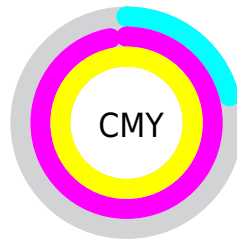


Cyan (0%)

Magenta (96%)

Yellow (99%)

Black (21%)



Cyan (21%)


Magenta (97%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.3220, -31.2177, 119.8666 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 65.3220, -31.2177, 119.8666 by changing the saturation by 10% instead.


 65.3220, -31.2177,
119.8666


 65.3220, -31.2177,
119.8666


 253.2900, -6.5520,
1.4997


 50.8300, -25.0592,
104.5121


 133.4700,
-39.1787, 106.5818


 40.9630, -20.1948,
84.2244


 153.3430,
-36.6511, 89.1532


 31.6940, -15.6251,
65.1664


 173.2160,
-34.1235, 71.7246

 23.0660, -9.8925,
46.4231

 193.2030,
-31.1591, 54.1960

 13.6830, -5.7597,
27.4650


 213.1900,
-28.1947, 36.6674


 0.0000, 0.0000,
0.0000


 233.9920,


-24.6461, 18.4240


 250.0980,
-18.7823, 4.2991

 65.3220, -31.2177,
119.8666


 65.3220, -31.2177,
119.8666


 63.9200, -31.5126,
121.0962

 79.3420, -28.2696,
107.5711

 92.7750, -25.0321,
95.7903

 106.9090,
-21.6471, 83.3948

 120.3420,
-18.4096, 71.6141

 134.3620,
-15.4615, 59.3185

■ 148.3820,
-12.5133, 47.0230

■ 161.8150, -9.2758,
35.2422

■ 175.9490, -5.8909,
22.8467

■ 189.3820, -2.6533,
11.0660

Harmonies

Analogous

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



74.6010, 2.6617, 126.6379



65.3220, -31.2177, 119.8666



93.0390, -45.8682, 58.7248

Triad

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



65.3220, -31.2177, 119.8666



78.6190, -16.0812, -68.9489



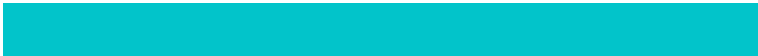
88.2770, 76.7714, -77.4189

Complementary

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



65.3220, -31.2177, 119.8666



138.6780, 31.2177, -119.8666

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.



98.0450, 68.5048, -85.9855



65.3220, -31.2177, 119.8666



88.5710, 16.9735, -77.6768

Square

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



65.3220, -31.2177, 119.8666



69.8530, -34.4375, -61.2611



96.4370, 47.1126, -84.5752



98.8120, 55.8017, 22.0899

Rectangle

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



65.3220, -31.2177, 119.8666



94.3030, -46.4914, 25.1673



96.4370, 47.1126, -84.5752



93.3150, 75.7667, -81.8373

Sweetspot

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



65.3220, -31.2177, 119.8666



202.8980, -11.7817, 45.6935



84.2580, 56.5678, 103.2597



96.3410, -7.0701, 27.7649



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.



65.3220, -31.2177, 119.8666



80.9410, -39.9039, 152.6497



122.2610, -59.2887, 69.9311



94.9900, -1.4741, 6.1478



52.5690, -25.9165, 99.4790



11.9490, -5.8909, 22.8467

Inverse Universe

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



138.6780, 31.2177, -119.8666



174.0590, 39.9039, -152.6497



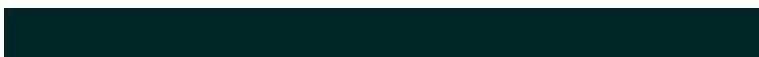
81.7390, 59.2887, -69.9311



99.0100, 1.4741, -6.1478



113.4310, 25.9165, -99.4790



26.0510, 5.8909, -22.8467

Previews

White Background



This preview shows how the YUV color 65.3220, -31.2177, 119.8666 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 65.3220, -31.2177, 119.8666

Background



This preview shows how black text looks on a background with the YUV color 65.3220, -31.2177, 119.8666.



This preview shows how white text looks on a background with the YUV color 65.3220, -31.2177,

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

65.3220, -31.2177, 119.8666

Protanopia

97.2230, -35.1129, 15.5904

Trichromacy



Original Color

65.3220, -31.2177, 119.8666



Protanomaly

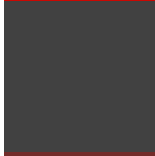
85.8070, -33.9219, 53.6663

Monochromacy



Original Color

65.3220, -31.2177, 119.8666



Achromatopsia

65.0000, 0.0000, 0.0000



Achromatomaly

65.0010, -11.3395, 43.8491

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.3220, -31.2177, 119.8666 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(202, 8, 2)` looks like.

```
.text, #text, p{  
    color:rgb(202, 8, 2)  
}
```

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(202, 8, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 8, 2) }
```

Border

The CSS property to change the border of an element to YUV 65.3220, -31.2177, 119.8666 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(202, 8, 2) }
```

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

```
.border{ border-color:rgb(202, 8, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 8, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 8, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(202, 8, 2); box-shadow:4px  
4px 4px 4px rgb(202, 8, 2) }
```


Background

The CSS property to change the background color of an element to YUV 65.3220, -31.2177, 119.8666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 8, 2) }
```

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

```
.background{ background-color: rgb(202, 8,  
2) }
```

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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