

Converting Colors

YUV(64.5840, -31.8399,
132.7918)

Have a look what the booklet for
YUV(64.5840, -31.8399, 132.7918)
contains.

YUV(64.5840, -31.8399, 132.7918)	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>	31

Color

**YUV(64.5840, -31.8399,
132.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	D80000
RGB	216, 0, 0
RGB Percent	85%, 0%, 0%
CMY	0.1529, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.15
HSL	0°, 100%, 42%
HSV	0°, 100%, 85%
XYZ	28.3189, 14.5989, 1.3253
YIQ	64.5840, 128.7360, 45.7920

Conversions

Conversions Part 2

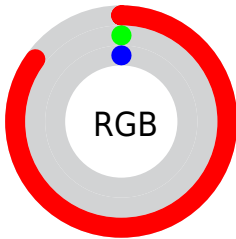
Format	Color
R _Y B	216, 0, 0
Decimal	14155776
CIE Lab	45.08, 70.68, 59.30
CIE LCh	45, 92.261, 40.000
Yxy	14.5989, 0.6401, 0.3300
Android (android.graphics.Color)	4292345856 (0xFFD80000)
YUV	64.5840, -31.8399, 132.7918
Hunter-Lab	38.2085, 65.4333, 24.6894

Details

The YUV color **64.5840, -31.8399, 132.7918** 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 **151.4160, 31.8399, -132.7918**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0570, -39.4681, 106.0670**, and **44.8500, -22.1110, 92.2166** is the 20% darker color. If you saturate the color by 10%, you get **64.5840, -31.8399, 132.7918**, and if you desaturate by 10%, it is **80.0060, -28.5970, 119.2667**.

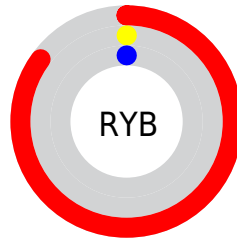
Distribution



Red (85%)

Green (0%)

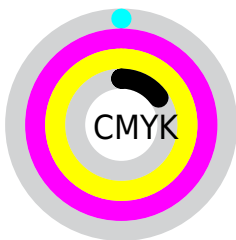
Blue (0%)



Red (85%)

Yellow (0%)

Blue (0%)

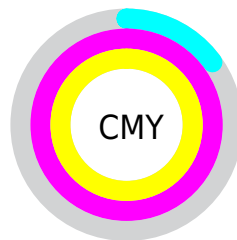


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 64.5840, -31.8399, 132.7918 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 64.5840, -31.8399, 132.7918 by changing the saturation by 10% instead.


 64.5840, -31.8399,
132.7918


 64.5840, -31.8399,
132.7918


 253.4040, -6.1152,
1.3997

 54.7170, -26.9755,
112.5042


 134.0570,
-39.4681, 106.0670

 44.8500, -22.1110,
92.2166


 154.5170,
-37.2299, 88.1236


 35.2820, -17.3940,
72.5437


 174.3900,
-34.7023, 70.6950

 26.2410, -11.9508,
53.2856

 194.9640,
-32.0273, 52.6516

 17.2710, -7.5286,
34.8423

 215.0650,
-28.6260, 35.0230


 4.7840, -2.3585,
9.8364


 235.7530,


 0.0000, 0.0000,


-25.5142, 16.8796


0.0000


 250.0980,
-18.7823, 4.2991


 64.5840, -31.8399,
132.7918

 80.0060, -28.5970,
119.2667

 94.7270, -25.5014,
106.3564

 110.1490,
-22.2585, 92.8313

 124.8700,
-19.1629, 79.9210

 140.2920,
-15.9200, 66.3959

■ 155.7140,
-12.6770, 52.8708

■ 170.4350, -9.5815,
39.9605

■ 185.8570, -6.3385,
26.4354

■ 200.5780, -3.2430,
13.5251

Harmonies

Analogous

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



79.6560, 2.6346, 135.3597



64.5840, -31.8399, 132.7918



99.2630, -48.9367, 62.9133

Triad

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



64.5840, -31.8399, 132.7918



83.6570, -17.0859, -73.3672



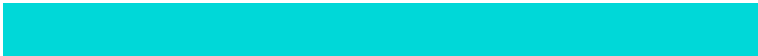
93.6400, 79.5505, -82.1223

Complementary

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



64.5840, -31.8399, 132.7918



151.4160, 31.8399, -132.7918

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.



105.2660, 73.3259, -92.3183



64.5840, -31.8399, 132.7918



94.8800, 18.3002, -83.2098

Square

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



64.5840, -31.8399, 132.7918



74.5490, -36.7527, -65.3795



103.3160, 50.6232, -90.6081



105.5610, 59.8694, 24.0640

Rectangle

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



64.5840, -31.8399, 132.7918



100.2170, -49.4070, 26.9967



103.3160, 50.6232, -90.6081



98.9230, 76.9460, -86.7555

Sweetspot

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



64.5840, -31.8399, 132.7918



201.7240, -11.2029, 46.7231



89.2080, 62.5085, 111.1966



95.7540, -6.7807, 28.2797



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.



64.5840, -31.8399, 132.7918



76.2450, -37.5888, 156.7681



127.9800, -63.0941, 77.1935



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



151.4160, 31.8399, -132.7918



178.7550, 37.5888, -156.7681



88.0200, 63.0941, -77.1935



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 64.5840, -31.8399, 132.7918 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



This preview shows how the YUV color 64.5840, -31.8399, 132.7918 looks on a 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 64.5840, -31.8399, 132.7918

Background



This preview shows how black text looks on a background with the YUV color 64.5840, -31.8399, 132.7918.



This preview shows how white text looks on a background with the YUV color 64.5840, -31.8399,

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

64.5840, -31.8399, 132.7918

Protanopia

103.6530, -37.2969, 16.0903

Deuteranopia

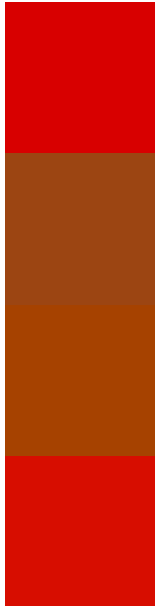
102.0110, -50.2914, 30.6854



Tritanopia

75.7260, -37.3329, 121.2663

Trichromacy



Original Color

64.5840, -31.8399, 132.7918

Protanomaly

89.1990, -35.1011, 58.5845

Deuteranomaly

88.3760, -43.5694, 68.0762

Tritanomaly

71.9160, -35.4546, 125.4847

Monochromacy



Original Color

64.5840, -31.8399, 132.7918

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.6210, -11.6452, 48.5674

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.5840, -31.8399, 132.7918 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(216, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(216, 0, 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(216, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 64.5840, -31.8399, 132.7918 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(216, 0, 0) }
```


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

```
.border{ border-color:rgb(216, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(216, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(216, 0, 0); box-shadow:4px  
4px 4px 4px rgb(216, 0, 0) }
```

Background

The CSS property to change the background color of an element to YUV 64.5840, -31.8399, 132.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 0) }
```

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

```
.background{ background-color: rgb(216, 0,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor