

Converting Colors

YUV(67.5760, -22.9620,
131.9218)

Have a look what the booklet for
YUV(67.5760, -22.9620, 131.9218)
contains.

YUV(67.5760, -22.9620, 131.9218)	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(67.5760, -22.9620,
131.9218)**

Conversions

Conversions Part 1

Format	Color
Hex	DA0015
RGB	218, 0, 21
RGB Percent	85%, 0%, 8%
CMY	0.1451, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.90, 0.15
HSL	354°, 100%, 43%
HSV	354°, 100%, 85%
XYZ	29.0488, 14.9596, 2.0659
YIQ	67.5760, 123.1870, 52.7470

Conversions

Conversions Part 2

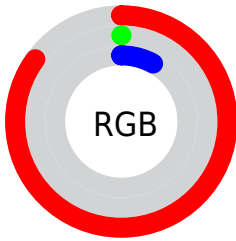
Format	Color
RYB	218, 0, 21
Decimal	14286869
CIELab	45.58, 71.37, 52.83
CIElCh	46, 88.794, 36.508
Yxy	14.9596, 0.6305, 0.3247
Android (android.graphics.Color)	4292476949 (0xFFDA0015)
YUV	67.5760, -22.9620, 131.9218
Hunter-Lab	38.6776, 66.3766, 23.9074

Details

The YUV color **67.5760, -22.9620, 131.9218** 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 **150.4240, 22.9620, -131.9218**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6530, -33.3529, 104.6673**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **67.5760, -22.9620, 131.9218**, and if you desaturate by 10%, it is **82.7700, -20.5926, 118.5967**.

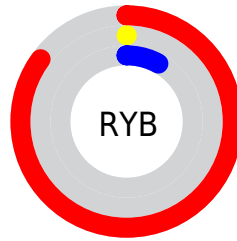
Distribution



Red (85%)

Green (0%)

Blue (8%)



Red (85%)

Yellow (0%)

Blue (8%)

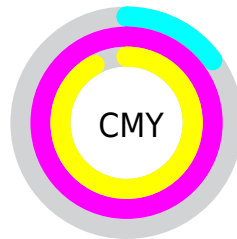


Cyan (0%)

Magenta (100%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (100%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5760, -22.9620, 131.9218 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 67.5760, -22.9620, 131.9218 by changing the saturation by 10% instead.

■ 67.5760, -22.9620,
131.9218

■ 67.5760, -22.9620,
131.9218

255.0000, 0.0000,
0.0000

■ 55.3150, -27.2703,
113.7337

■ 135.6530,
-33.3529, 104.6673

■ 45.7470, -22.5533,
94.0609

■ 156.7000,
-31.4041, 86.2091

■ 35.8800, -17.6888,
73.7732

■ 176.5730,
-28.8765, 68.7805

■ 26.8390, -12.2456,
54.5152

■ 197.1470,
-26.2015, 50.7371

■ 17.8690, -7.8234,
36.0719

■ 217.2480,
-22.8003, 33.1085


■ 6.2790, -3.0955,
12.9103


■ 238.0500,


■ 0.0000, 0.0000,


-19.2516, 14.8652


0.0000


 251.8080,
-12.2303, 2.7994

 67.5760, -22.9620,
131.9218

 82.7700, -20.5926,
118.5967

 97.8500, -18.6601,
105.3715

 112.4570,
-16.0013, 92.5612

 127.6510,
-13.6319, 79.2361

 142.8450,
-11.2626, 65.9109

■ 157.9250, -9.3300,
52.6858

■ 173.1190, -6.9607,
39.3606

■ 187.7260, -4.3019,
26.5503

■ 202.8060, -2.3694,
13.3251

Harmonies

Analogous

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



80.0130, 7.8816, 132.4156



67.5760, -22.9620, 131.9218



99.8830, -49.2423, 67.6316

Triad

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



67.5760, -22.9620, 131.9218



83.4460, -20.4329, -73.1821



95.9880, 78.3929, -84.1815

Complementary

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



67.5760, -22.9620, 131.9218



150.4240, 22.9620, -131.9218

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.



104.9410, 69.5421, -92.0333



67.5760, -22.9620, 131.9218



94.4410, 14.0796, -82.8248

Square

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



67.5760, -22.9620, 131.9218



78.1480, -38.5270, -56.2578



102.7630, 45.9658, -90.1232



107.0000, 60.6390, 10.5240

Rectangle

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



67.5760, -22.9620, 131.9218



102.0220, -50.2968, 32.4297



102.7630, 45.9658, -90.1232



100.0970, 76.3672, -87.7851

Sweetspot

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



67.5760, -22.9620, 131.9218



202.5220, -8.1453, 46.0232



83.4560, 66.3302, 98.7011



96.2100, -5.0335, 27.8798



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.



67.5760, -22.9620, 131.9218



79.0950, -26.6688, 154.2687



116.2510, -57.3117, 89.2339



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.2100, -5.0335, 27.8798

Inverse Universe

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



67.5760, -22.9620, 131.9218



79.0950, -26.6688, 154.2687



101.7490, 57.3117, -89.2339



102.4030, -1.1847, 6.6626



53.6650, -18.0758, 104.6568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 67.5760, -22.9620, 131.9218 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 67.5760, -22.9620, 131.9218

Background



This preview shows how black text looks on a background with the YUV color 67.5760, -22.9620, 131.9218.



This preview shows how white text looks on a background with the YUV color 67.5760, -22.9620,

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

67.5760, -22.9620, 131.9218

Protanopia

105.9070, -32.4922, 14.9906

Deuteranopia

102.6090, -50.5862, 31.9149



Tritanopia

76.6230, -37.7751, 123.1106

Trichromacy



Original Color

67.5760, -22.9620, 131.9218

Protanomaly

92.0940, -29.1333, 57.7996

Deuteranomaly

89.8860, -40.3698, 68.5060

Tritanomaly

73.4260, -32.2550, 125.9144

Monochromacy



Original Color

67.5760, -22.9620, 131.9218

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.8320, -8.2982, 48.3823

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5760, -22.9620, 131.9218 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(218, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(218, 0, 21)  
}
```

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(218, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 0, 21) }
```

Border

The CSS property to change the border of an element to YUV 67.5760, -22.9620, 131.9218 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(218, 0, 21) }
```


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

```
.border{ border-color:rgb(218, 0, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 0, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(218, 0, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.5760, -22.9620, 131.9218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 0, 21) }
```

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

```
.background{ background-color: rgb(218, 0,  
21) }
```

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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