

Converting Colors

YUV(62.1920, -30.6607,
127.8736)

Have a look what the booklet for
YUV(62.1920, -30.6607, 127.8736)
contains.

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Color

**YUV(62.1920, -30.6607,
127.8736)**

Conversions

Conversions Part 1

Format	Color
Hex	D00000
RGB	208, 0, 0
RGB Percent	82%, 0%, 0%
CMY	0.1843, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.18
HSL	0°, 100%, 41%
HSV	0°, 100%, 82%
XYZ	26.0124, 13.4099, 1.2174
YIQ	62.1920, 123.9680, 44.0960

Conversions

Conversions Part 2

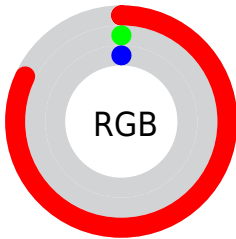
Format	Color
R _Y B	208, 0, 0
Decimal	13631488
CIE Lab	43.37, 68.70, 57.65
CIE LCh	43, 89.685, 40.000
Yxy	13.4099, 0.6401, 0.3300
Android (android.graphics.Color)	4291821568 (0xFFD00000)
YUV	62.1920, -30.6607, 127.8736
Hunter-Lab	36.6195, 62.7121, 23.6627

Details

The YUV color **62.1920, -30.6607, 127.8736** 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 **145.8080, 30.6607, -127.8736**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7690, -39.3261, 107.1966**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **62.1920, -30.6607, 127.8736**, and if you desaturate by 10%, it is **76.9130, -27.5651, 114.9633**.

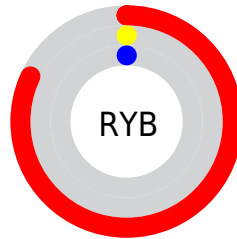
Distribution



Red (82%)

Green (0%)

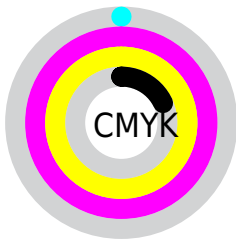
Blue (0%)



Red (82%)

Yellow (0%)

Blue (0%)

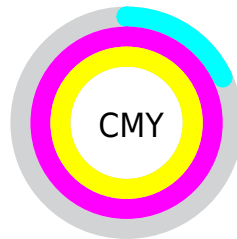


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 62.1920, -30.6607, 127.8736 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 62.1920, -30.6607, 127.8736 by changing the saturation by 10% instead.


 62.1920, -30.6607,
127.8736


 62.1920, -30.6607,
127.8736


 253.1760, -6.9888,
1.5996


 52.3250, -25.7962,
107.5860


 132.7690,
-39.3261, 107.1966

 42.7570, -21.0792,
87.9131


 153.2290,
-37.0879, 89.2532


 33.1890, -16.3622,
68.2402

 173.1020,
-34.5603, 71.8245

 24.1480, -10.9190,
48.9822

 193.0890,
-31.5959, 54.2959

 15.1780, -6.4968,
30.5389


 213.6630,
-28.9209, 36.2525


 0.0000, 0.0000,
0.0000


 233.8780,

-25.0829, 18.5240


 249.9840,
-19.2191, 4.3990


 62.1920, -30.6607,
127.8736

 76.9130, -27.5651,
114.9633

 91.6340, -24.4696,
102.0530

 105.6540,
-21.5214, 89.7574

 120.3750,
-18.4259, 76.8471

 135.0960,
-15.3303, 63.9368

■ 149.8170,
-12.2348, 51.0265

■ 164.5380, -9.1392,
38.1162

■ 178.5580, -6.1911,
25.8206

■ 193.2790, -3.0955,
12.9103

Harmonies

Analogous

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



76.6230, 2.6509, 130.1266



62.1920, -30.6607, 127.8736



95.7080, -47.1840, 60.7691

Triad

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



62.1920, -30.6607, 127.8736



80.3800, -16.9493, -70.4933



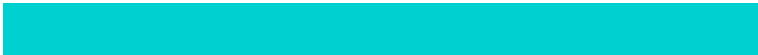
91.0640, 79.8344, -79.8631

Complementary

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



62.1920, -30.6607, 127.8736



145.8080, 30.6607, -127.8736

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.



101.3050, 70.8416, -88.8445



62.1920, -30.6607, 127.8736



91.3750, 17.5631, -80.1359

Square

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



62.1920, -30.6607, 127.8736



71.6140, -35.3057, -62.8055



99.4690, 48.5758, -87.2343



101.0940, 58.1277, 22.7196

Rectangle

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



62.1920, -30.6607, 127.8736



96.3740, -47.5124, 25.9820



99.4690, 48.5758, -87.2343



95.9880, 78.3929, -84.1815

Sweetspot

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



62.1920, -30.6607, 127.8736



201.7240, -11.2029, 46.7231



85.9040, 60.1933, 107.0782



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.



62.1920, -30.6607, 127.8736



76.2450, -37.5888, 156.7681



123.2400, -60.7573, 74.3345



97.2890, -1.6215, 6.7625



50.2320, -24.7644, 103.2825



12.2590, -6.0437, 25.2059

Inverse Universe

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



145.8080, 30.6607, -127.8736



178.7550, 37.5888, -156.7681



84.7600, 60.7573, -74.3345



101.7110, 1.6215, -6.7625



117.7680, 24.7644, -103.2825



28.7410, 6.0437, -25.2059

Previews

White Background



This preview shows how the YUV color 62.1920, -30.6607, 127.8736 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 62.1920, -30.6607, 127.8736

Background



This preview shows how black text looks on a background with the YUV color 62.1920, -30.6607, 127.8736.

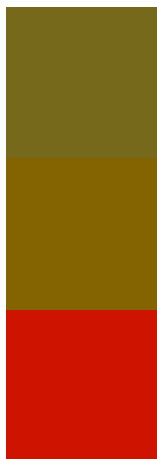


This preview shows how white text looks on a background with the YUV color 62.1920, -30.6607,

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



Protanopia

99.9950, -35.9865, 15.7904

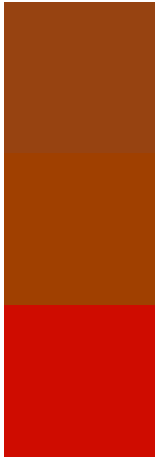
Deuteranopia

98.1680, -48.3968, 29.6707

Tritanopia

72.7470, -35.8643, 116.8629

Trichromacy



Protanomaly

86.4160, -34.2221, 56.6402

Deuteranomaly

85.4080, -42.1061, 65.4172

Tritanomaly

68.9370, -33.9859, 121.0813

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.7240, -11.2029, 46.7231

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.1920, -30.6607, 127.8736 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(208, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 0, 0) }
```

Border

The CSS property to change the border of an element to YUV 62.1920, -30.6607, 127.8736 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(208, 0, 0) }
```

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

```
.border{ border-color:rgb(208, 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(208, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(208, 0, 0); box-shadow:4px  
4px 4px 4px rgb(208, 0, 0) }
```


Background

The CSS property to change the background color of an element to YUV 62.1920, -30.6607, 127.8736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 0, 0) }
```

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

```
.background{ background-color: rgb(208, 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](#).

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