

# Converting Colors

YUV(61.5660, -27.8870,  
124.9146)

Have a look what the booklet for  
YUV(61.5660, -27.8870, 124.9146)  
contains.

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# Color

**YUV(61.5660, -27.8870,  
124.9146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC0005
RGB	204, 0, 5
RGB Percent	80%, 0%, 2%
CMY	0.2000, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.98, 0.20
HSL	359°, 100%, 40%
HSV	359°, 100%, 80%
XYZ	24.9292, 12.8483, 1.3096
YIQ	61.5660, 119.9790, 44.8030

# Conversions

## Conversions Part 2

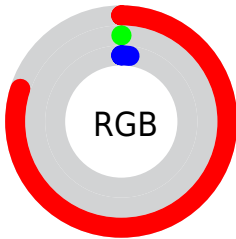
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 0, 5</a>
Decimal	<a href="#">13369349</a>
CIELab	<a href="#">42.53, 67.76, 55.10</a>
CIElCh	<a href="#">43, 87.329, 39.117</a>
Yxy	<a href="#">12.8483, 0.6378, 0.3287</a>
Android (android.graphics.Color)	<a href="#">4291559429 (0xFFCC0005)</a>
YUV	<a href="#">61.5660, -27.8870, 124.9146</a>
Hunter-Lab	<a href="#">35.8446, 61.4155, 22.9249</a>

# Details

The YUV color **61.5660, -27.8870, 124.9146** 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 **142.4340, 27.8870, -124.9146**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.5240, -37.7263, 107.4115**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **61.5660, -27.8870, 124.9146**, and if you desaturate by 10%, it is **75.5860, -24.9389, 112.6191**.

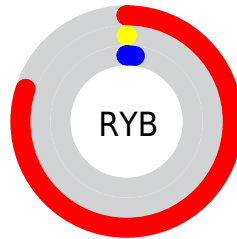
# Distribution



Red (80%)

Green (0%)

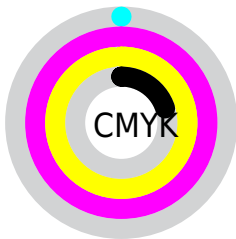
Blue (2%)



Red (80%)

Yellow (0%)

Blue (2%)

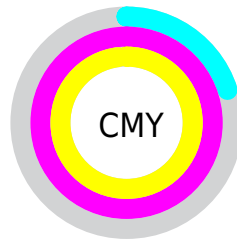


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (20%)



Cyan (20%)

Magenta (100%)


Yellow (98%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 61.5660, -27.8870, 124.9146 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 61.5660, -27.8870, 124.9146 by changing the saturation by 10% instead.





 61.5660, -27.8870,  
124.9146


 61.5660, -27.8870,  
124.9146


 253.5180, -5.6784,  
1.2997


 51.4280, -25.3540,  
105.7416


 132.5240,  
-37.7263, 107.4115

 41.5610, -20.4896,  
85.4540


 152.9840,  
-35.4881, 89.4680


 31.9930, -15.7725,  
65.7811

 172.8570,  
-32.9605, 72.0394

 23.3650, -10.0399,  
47.0379

 192.8440,  
-29.9961, 54.5108

 14.2810, -6.0545,  
28.6946


 212.8310,  
-27.0317, 36.9822


 0.0000, 0.0000,  
0.0000


 233.6330,


-23.4831, 18.7389


 250.3260,  
-17.9087, 4.0991


 61.5660, -27.8870,  
124.9146

 75.5860, -24.9389,  
112.6191

 90.1930, -22.2801,  
99.8087

 104.2130,  
-19.3320, 87.5132

 118.8200,  
-16.6733, 74.7029

 132.8400,  
-13.7251, 62.4073

■ 146.7460,  
-11.2138, 50.2118

■ 161.3530, -8.5550,  
37.4014

■ 175.3730, -5.6069,  
25.1059

■ 189.9800, -2.9481,  
12.2955

# Harmonies

## Analogous

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



75.1280, 3.3879, 127.0527



61.5660, -27.8870, 124.9146



93.6370, -46.1630, 59.9544

# Triad

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



61.5660, -27.8870, 124.9146



78.3910, -16.9548, -68.7489



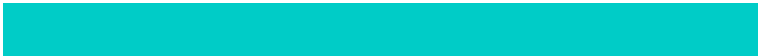
89.0920, 77.3556, -78.1337

# Complementary

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



61.5660, -27.8870, 124.9146



142.4340, 27.8870, -124.9146

# 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.



98.7460, 68.6522, -86.6002



61.5660, -27.8870, 124.9146



89.0440, 16.2473, -78.0916

# Square

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



61.5660, -27.8870, 124.9146



69.8530, -34.4375, -61.2611



96.9100, 46.3864, -84.9901



99.4310, 56.9755, 18.9160



# Rectangle

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



61.5660, -27.8870, 124.9146



94.3140, -46.4968, 26.9116



96.9100, 46.3864, -84.9901



94.0160, 75.9141, -82.4520

# Sweetspot

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



61.5660, -27.8870, 124.9146



201.8380, -10.7661, 46.6231



82.1590, 60.0676, 100.7156



95.8680, -6.3439, 28.1798



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.



61.5660, -27.8870, 124.9146



76.9290, -34.9680, 156.1683



116.7610, -57.5632, 76.5086



94.9900, -1.4741, 6.1478



50.0900, -22.7224, 101.6531



11.4760, -5.1647, 23.2615



# Inverse Universe

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



61.5660, -27.8870, 124.9146



76.9290, -34.9680, 156.1683



87.2390, 57.5632, -76.5086



94.9900, -1.4741, 6.1478



50.0900, -22.7224, 101.6531



11.4760, -5.1647, 23.2615



# Previews

## White Background



This preview shows how the YUV color 61.5660, -27.8870, 124.9146 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

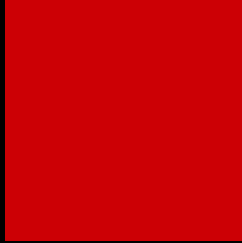
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 61.5660, -27.8870, 124.9146 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 61.5660, -27.8870, 124.9146 Background



This preview shows how black text looks on a background with the YUV color 61.5660, -27.8870, 124.9146.



This preview shows how white text looks on a background with the YUV color 61.5660, -27.8870,



# 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

61.5660, -27.8870, 124.9146

### Protanopia

98.2230, -35.1129, 15.5904

### Deuteranopia

96.3960, -47.5232, 29.4707



**Tritanopia**

71.5510, -35.2746, 114.4038

# Trichromacy



## Original Color

61.5660, -27.8870, 124.9146

## Protanomaly

85.1600, -32.6169, 55.1107

## Deuteranomaly

83.5650, -40.2115, 64.4025

## Tritanomaly

67.9690, -32.5227, 118.4222

# Monochromacy



## Original Color

61.5660, -27.8870, 124.9146

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

61.6530, -10.1819, 45.9083

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.5660, -27.8870, 124.9146 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(204, 0, 5)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 5)  
}
```

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(204, 0, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 5) }
```

## Border

The CSS property to change the border of an element to YUV 61.5660, -27.8870, 124.9146 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(204, 0, 5) }
```



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

```
.border{ border-color:rgb(204, 0, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(204, 0, 5); box-shadow:4px  
4px 4px 4px rgb(204, 0, 5) }
```

# Background

The CSS property to change the background color of an element to YUV 61.5660, -27.8870, 124.9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 5) }
```

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

```
.background{ background-color: rgb(204, 0,  
5) }
```

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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