

Converting Colors

YUV(63.1620, -21.7719,
123.5149)

Have a look what the booklet for
YUV(63.1620, -21.7719, 123.5149)
contains.

YUV(63.1620, -21.7719, 123.5149)	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(63.1620, -21.7719,
123.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0013
RGB	204, 0, 19
RGB Percent	80%, 0%, 7%
CMY	0.2000, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.91, 0.20
HSL	354°, 100%, 40%
HSV	354°, 100%, 80%
XYZ	25.0194, 12.8844, 1.7844
YIQ	63.1620, 115.4850, 49.1570

Conversions

Conversions Part 2

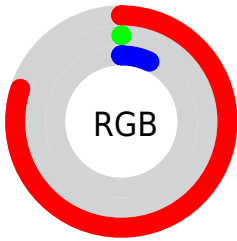
Format	Color
RYB	204, 0, 19
Decimal	13369363
CIELab	42.59, 67.91, 50.21
CIElCh	43, 84.454, 36.482
Yxy	12.8844, 0.6304, 0.3246
Android (android.graphics.Color)	4291559443 (0xFFCC0013)
YUV	63.1620, -21.7719, 123.5149
Hunter-Lab	35.8948, 61.6020, 22.1790

Details

The YUV color **63.1620, -21.7719, 123.5149** 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 **140.8380, 21.7719, -123.5149**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.6640, -33.3584, 106.4117**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **63.1620, -21.7719, 123.5149**, and if you desaturate by 10%, it is **76.9540, -19.6973, 111.4193**.

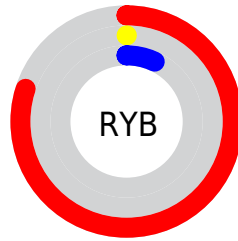
Distribution



Red (80%)

Green (0%)

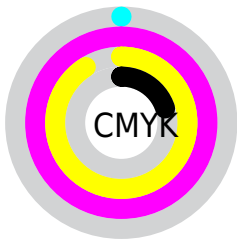
Blue (7%)



Red (80%)

Yellow (0%)

Blue (7%)

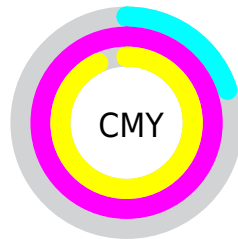


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (20%)



Cyan (20%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.1620, -21.7719, 123.5149 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 63.1620, -21.7719, 123.5149 by changing the saturation by 10% instead.

■ 63.1620, -21.7719,
123.5149

■ 63.1620, -21.7719,
123.5149

254.7720, -0.8736,
0.2000

■ 51.4280, -25.3540,
105.7416

■ 133.6640,
-33.3584, 106.4117

■ 41.5610, -20.4896,
85.4540

■ 154.0100,
-31.5569, 88.5682

■ 32.2920, -15.9200,
66.3959

■ 173.8830,
-29.0293, 71.1396

■ 23.6640, -10.1874,
47.6527

■ 193.8700,
-26.0649, 53.6110

■ 14.2810, -6.0545,
28.6946


■ 214.5580,
-22.9531, 35.4676


■ 0.0000, 0.0000,
0.0000


■ 234.7730,


-19.1151, 17.7391


 251.4660,
-13.5407, 3.0993


 63.1620, -21.7719,
123.5149

 76.9540, -19.6973,
111.4193

 91.4470, -17.4754,
98.7090

 105.2390,
-15.4008, 86.6134

 119.7320,
-13.1789, 73.9030

 133.5240,
-11.1043, 61.8075

■ 147.4300, -8.5930,
49.6119

■ 161.8090, -6.8078,
37.0015

■ 175.7150, -4.2965,
24.8059

■ 190.2080, -2.0745,
12.0956

Harmonies

Analogous

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



74.7300, 7.0351, 123.8938



63.1620, -21.7719, 123.5149



93.0720, -45.8845, 63.9579

Triad

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



63.1620, -21.7719, 123.5149



77.8210, -19.1388, -68.2490



89.8100, 75.0297, -78.7634

Complementary

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



63.1620, -21.7719, 123.5149



140.8380, 21.7719, -123.5149

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.



98.5350, 65.3052, -86.4152



63.1620, -21.7719, 123.5149



87.6590, 13.4791, -76.8769

Square

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



63.1620, -21.7719, 123.5149



73.1530, -36.0644, -52.7542



95.9980, 42.8920, -84.1902



99.9630, 56.7132, 9.6794

Rectangle

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



63.1620, -21.7719, 123.5149



94.6350, -46.6551, 31.0151



95.9980, 42.8920, -84.1902



94.0330, 73.4407, -82.4669

Sweetspot

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



63.1620, -21.7719, 123.5149



202.5220, -8.1453, 46.0232



78.2720, 61.9839, 92.7235



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.



63.1620, -21.7719, 123.5149



78.9810, -27.1056, 154.3687



109.1300, -53.8011, 83.2010



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.8180, -3.8543, 22.9616

Inverse Universe

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



63.1620, -21.7719, 123.5149



78.9810, -27.1056, 154.3687



94.8700, 53.8011, -83.2010



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.8180, -3.8543, 22.9616

Previews

White Background



This preview shows how the YUV color 63.1620, -21.7719, 123.5149 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 63.1620, -21.7719, 123.5149

Background



This preview shows how black text looks on a background with the YUV color 63.1620, -21.7719, 123.5149.



This preview shows how white text looks on a background with the YUV color 63.1620, -21.7719,

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

63.1620, -21.7719, 123.5149

Protanopia

99.0640, -30.5976, 13.9759

Deuteranopia

96.3960, -47.5232, 29.4707



Tritanopia

71.8500, -35.4220, 115.0186

Trichromacy



Original Color

63.1620, -21.7719, 123.5149

Protanomaly

86.1150, -27.6647, 53.3961

Deuteranomaly

84.1350, -38.0276, 63.9026

Tritanomaly

68.5390, -30.3387, 117.9223

Monochromacy



Original Color

63.1620, -21.7719, 123.5149

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9240, -7.8505, 44.7937

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.1620, -21.7719, 123.5149 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, 19)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 19)  
}
```

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, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 19) }
```

Border

The CSS property to change the border of an element to YUV 63.1620, -21.7719, 123.5149 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, 19) }
```


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

```
.border{ border-color:rgb(204, 0, 19) }
```

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, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(204, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.1620, -21.7719, 123.5149 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, 19) }
```

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

```
.background{ background-color: rgb(204, 0,  
19) }
```

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