

Converting Colors

YUV(64.3600, -12.0095,
118.9563)

Have a look what the booklet for
YUV(64.3600, -12.0095, 118.9563)
contains.

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Color

**YUV(64.3600, -12.0095,
118.9563)**

Conversions

Conversions Part 1

Format	Color
Hex	C80028
RGB	200, 0, 40
RGB Percent	78%, 0%, 16%
CMY	0.2157, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.80, 0.22
HSL	348°, 100%, 39%
HSV	348°, 100%, 78%
XYZ	24.2024, 12.4326, 3.1316
YIQ	64.3600, 106.3600, 54.8400

Conversions

Conversions Part 2

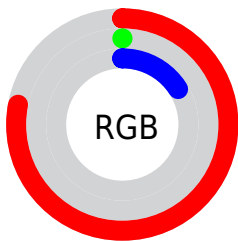
Format	Color
RYB	200, 0, 40
Decimal	13107240
CIELab	41.90, 67.37, 38.54
CIELCh	42, 77.613, 29.776
Yxy	12.4326, 0.6086, 0.3126
Android (android.graphics.Color)	4291297320 (0xFFC80028)
YUV	64.3600, -12.0095, 118.9563
Hunter-Lab	35.2598, 60.8180, 19.4161

Details

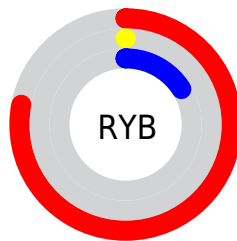
The YUV color **64.3600, -12.0095, 118.9563** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **135.6400, 12.0095, -118.9563**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9440, -24.6224, 104.4121**, and **40.9630, -20.1948, 84.2244** is the 20% darker color. If you saturate the color by 10%, you get **64.3600, -12.0095, 118.9563**, and if you desaturate by 10%, it is **77.9240, -10.8085, 107.0607**.

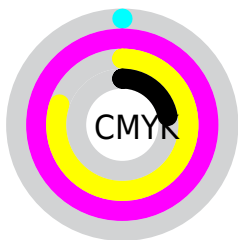
Distribution



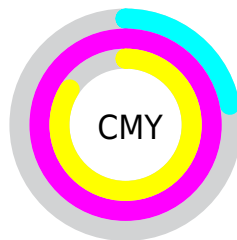
- Red (78%)
- Green (0%)
- Blue (16%)



- Red (78%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3600, -12.0095, 118.9563 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 64.3600, -12.0095, 118.9563 by changing the saturation by 10% instead.

■ 64.3600, -12.0095,
118.9563

■ 64.3600, -12.0095,
118.9563

255.0000, 0.0000,
0.0000

■ 52.3980, -16.4652,
101.3830

■ 135.9440,
-24.6224, 104.4121

■ 40.9630, -20.1948,
84.2244

■ 155.7030,
-22.5316, 87.0835

■ 31.3950, -15.4777,
64.5516

■ 175.6900,
-19.5672, 69.5549

■ 22.7670, -9.7451,
45.8083

■ 196.2640,
-16.8922, 51.5115

■ 13.2700, -6.0491,
26.9502

■ 216.3650,
-13.4909, 33.8829

■ 0.0000, 0.0000,
0.0000

■ 237.1670, -9.9423,

15.6395

■ 253.8600, -4.3680,
0.9998

■ 64.3600, -12.0095,
118.9563

■ 77.9240, -10.8085,
107.0607

■ 91.4880, -9.6076,
95.1650

■ 105.0520, -8.4066,
83.2694

■ 118.6160, -7.2057,
71.3738

■ 132.1800, -6.0047,
59.4781

■ 145.7440, -4.8038,
47.5825

■ 159.3080, -3.6028,
35.6869

■ 172.8720, -2.4019,
23.7913

■ 186.4360, -1.2009,
11.8956

Harmonies

Analogous

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



72.6240, 14.4824, 115.2168



64.3600, -12.0095, 118.9563



90.1590, -44.4484, 70.0206

Triad

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



64.3600, -12.0095, 118.9563



73.8770, -24.0964, -64.7901



89.5020, 68.7725, -78.4933

Complementary

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



64.3600, -12.0095, 118.9563



135.6400, 12.0095, -118.9563

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.



94.9670, 56.7113, -83.2861



64.3600, -12.0095, 118.9563



83.8460, 6.4849, -73.5329

Square

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



64.3600, -12.0095, 118.9563



82.7760, -40.8086, -24.3596



91.7290, 34.1506, -80.4463



96.2220, 57.0786, -14.2267

Rectangle

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



64.3600, -12.0095, 118.9563



93.2170, -45.9560, 40.1517



91.7290, 34.1506, -80.4463



92.7960, 66.1626, -81.3821

Sweetspot

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



64.3600, -12.0095, 118.9563



203.4340, -4.6510, 45.2234



70.6400, 63.7745, 78.3687



96.7800, -2.8495, 27.3799



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.



64.3600, -12.0095, 118.9563



82.0590, -15.3121, 151.6693



95.0200, -46.8449, 92.0675



92.8050, -0.8899, 5.4330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Inverse Universe

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



64.3600, -12.0095, 118.9563



82.0590, -15.3121, 151.6693



104.9800, 46.8449, -92.0675



92.8050, -0.8899, 5.4330



52.4990, -9.6130, 96.9094



11.5620, -2.2491, 21.4321

Previews

White Background



This preview shows how the YUV color 64.3600, -12.0095, 118.9563 looks on a white background.

Color Contrast Check

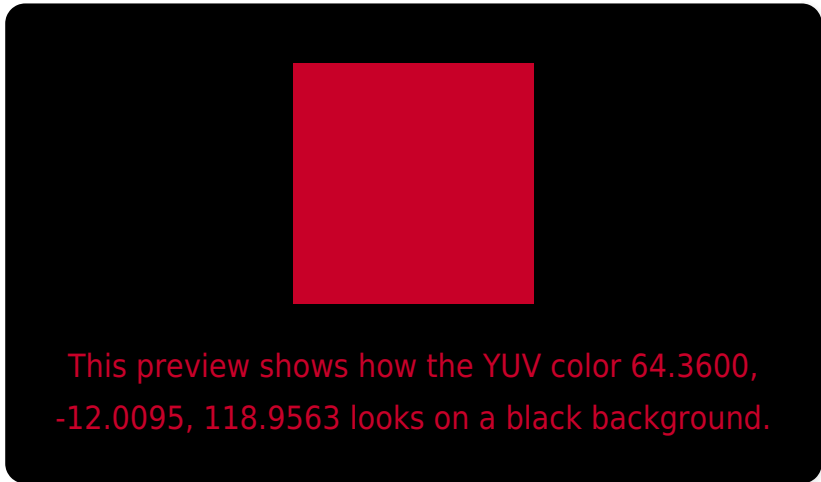
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.3600, -12.0095, 118.9563

Background



This preview shows how black text looks on a background with the YUV color 64.3600, -12.0095, 118.9563.



This preview shows how white text looks on a background with the YUV color 64.3600, -12.0095,

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

64.3600, -12.0095, 118.9563

Protanopia

99.5440, -18.5092, 10.0469

Deuteranopia

97.1750, -35.5823, 26.1565



Tritanopia

70.0670, -34.5430, 113.0742

Trichromacy



Original Color

64.3600, -12.0095, 118.9563

Protanomaly

86.4810, -16.0131, 49.5672

Deuteranomaly

85.2730, -27.2496, 60.2736

Tritanomaly

67.6680, -25.9653, 115.1782

Monochromacy



Original Color

64.3600, -12.0095, 118.9563

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.1240, -4.4981, 42.8643

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3600, -12.0095, 118.9563 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(200, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(200, 0, 40)  
}
```

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(200, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 0, 40) }
```

Border

The CSS property to change the border of an element to YUV 64.3600, -12.0095, 118.9563 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(200, 0, 40) }
```


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

```
.border{ border-color:rgb(200, 0, 40) }
```

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

Here you see how a box with a 4 pixel rgb(200, 0, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 0, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 0, 40);  
box-shadow:4px 4px 4px 4px rgb(200, 0, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 64.3600, -12.0095, 118.9563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 0, 40) }
```

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

```
.background{ background-color: rgb(200, 0,  
40) }
```

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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