

Converting Colors

YUV(66.8940, -15.2307,
125.5040)

Have a look what the booklet for
YUV(66.8940, -15.2307, 125.5040)
contains.

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Color

**YUV(66.8940, -15.2307,
125.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	D20024
RGB	210, 0, 36
RGB Percent	82%, 0%, 14%
CMY	0.1765, 1.0000, 0.8588
CMYK	0.00, 1.00, 0.83, 0.18
HSL	350°, 100%, 41%
HSV	350°, 100%, 82%
XYZ	26.8968, 13.8290, 2.9207
YIQ	66.8940, 113.6040, 55.7160

Conversions

Conversions Part 2

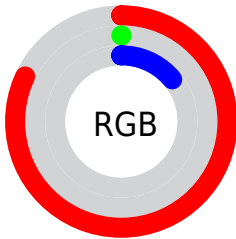
Format	Color
RYB	210, 0, 36
Decimal	13762596
CIELab	43.99, 69.70, 43.56
CIElCh	44, 82.191, 32.001
Yxy	13.8290, 0.6162, 0.3168
Android (android.graphics.Color)	4291952676 (0xFFD20024)
YUV	66.8940, -15.2307, 125.5040
Hunter-Lab	37.1874, 64.0270, 21.3745

Details

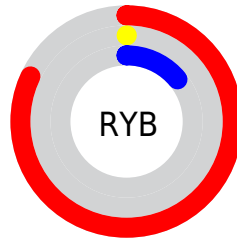
The YUV color **66.8940, -15.2307, 125.5040** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **143.1060, 15.2307, -125.5040**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.6620, -26.9484, 103.7824**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **66.8940, -15.2307, 125.5040**, and if you desaturate by 10%, it is **81.1590, -13.8824, 112.9936**.

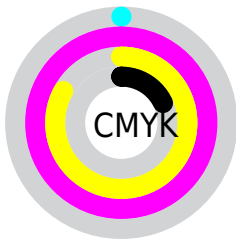
Distribution



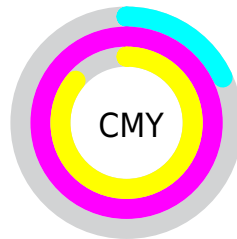
- Red (82%)
- Green (0%)
- Blue (14%)



- Red (82%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.8940, -15.2307, 125.5040 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 66.8940, -15.2307, 125.5040 by changing the saturation by 10% instead.

■ 66.8940, -15.2307,
125.5040

■ 66.8940, -15.2307,
125.5040

255.0000, 0.0000,
0.0000

■ 54.9320, -19.6865,
107.9306

■ 136.6620,
-26.9484, 103.7824

■ 43.6540, -21.5214,
89.7574

■ 157.0080,
-25.1469, 85.9390

■ 34.0860, -16.8044,
70.0846

■ 176.9950,
-22.1825, 68.4104

■ 25.0450, -11.3612,
50.8265

■ 197.5690,
-19.5075, 50.3670

■ 16.0750, -6.9390,
32.3832

■ 217.6700,
-16.1063, 32.7384

■ 0.5980, -0.2948,
1.2296

■ 238.4720,

■ 0.0000, 0.0000,

-12.5577, 14.4951

0.0000

253.5180, -5.6784,
1.2997

66.8940, -15.2307,
125.5040

81.1590, -13.8824,
112.9936

95.5380, -12.0972,
100.3832

109.8030,
-10.7489, 87.8728

124.1820, -8.9637,
75.2624

138.4470, -7.6154,
62.7520

■ 152.7120, -6.2670,
50.2416

■ 167.0910, -4.4819,
37.6312

■ 181.3560, -3.1335,
25.1208

■ 195.7350, -1.3484,
12.5104

Harmonies

Analogous

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



76.6250, 13.0029, 123.1089



66.8940, -15.2307, 125.5040



95.4750, -47.0692, 70.6204

Triad

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



66.8940, -15.2307, 125.5040



78.0830, -23.2119, -68.4788



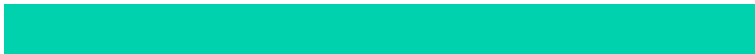
94.0330, 73.4407, -82.4669

Complementary

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



66.8940, -15.2307, 125.5040



143.1060, 15.2307, -125.5040

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.



100.3130, 61.9637, -87.9745



66.8940, -15.2307, 125.5040



89.0950, 8.8272, -78.1363

Square

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



66.8940, -15.2307, 125.5040



85.0910, -41.9499, -31.6518



96.9610, 38.9662, -85.0348



102.4340, 58.9460, -6.5196

Rectangle

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



66.8940, -15.2307, 125.5040



98.2230, -48.4239, 38.3924



96.9610, 38.9662, -85.0348



97.4410, 71.2676, -85.4558

Sweetspot

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



66.8940, -15.2307, 125.5040



203.2060, -5.5246, 45.4233



75.0690, 66.5210, 84.1315



96.5520, -3.7231, 27.5799



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.



66.8940, -15.2307, 125.5040



81.2610, -18.3697, 152.3691



101.5320, -50.0553, 95.1264



97.5170, -0.7479, 6.5626



53.5380, -12.0972, 100.3832



13.0570, -2.9861, 24.5060

Inverse Universe

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



66.8940, -15.2307, 125.5040



81.2610, -18.3697, 152.3691



107.8810, 50.3447, -94.6116



97.5170, -0.7479, 6.5626



53.5380, -12.0972, 100.3832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 66.8940, -15.2307, 125.5040 looks on a white background.

Color Contrast Check

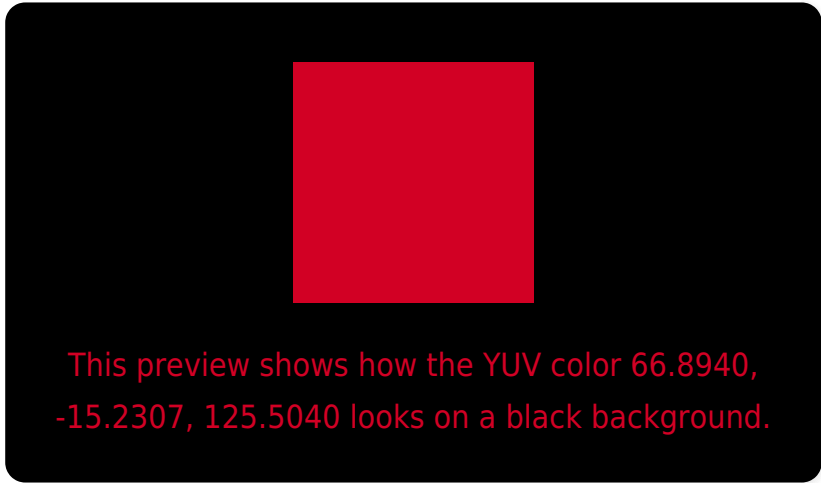
Large Text (above 18pt) WCAG AA ✓ Pass

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 66.8940, -15.2307, 125.5040

Background



This preview shows how black text looks on a background with the YUV color 66.8940, -15.2307, 125.5040.



This preview shows how white text looks on a background with the YUV color 66.8940, -15.2307, 125.5040.

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

66.8940, -15.2307, 125.5040

Protanopia

103.7030, -23.0246, 11.6615

Deuteranopia

101.0630, -42.4291, 28.8857



Tritanopia

73.6440, -36.3065, 118.7072

Trichromacy



Original Color

66.8940, -15.2307, 125.5040

Protanomaly

90.0640, -20.2446, 53.4409

Deuteranomaly

88.6280, -32.3546, 64.3472

Tritanomaly

71.0170, -28.6024, 121.0111

Monochromacy



Original Color

66.8940, -15.2307, 125.5040

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.2060, -5.5246, 45.4233

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.8940, -15.2307, 125.5040 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(210, 0, 36)` looks like.

```
.text, #text, p{  
    color:rgb(210, 0, 36)  
}
```

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(210, 0, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 0, 36) }
```

Border

The CSS property to change the border of an element to YUV 66.8940, -15.2307, 125.5040 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(210, 0, 36) }
```


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

```
.border{ border-color:rgb(210, 0, 36) }
```

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

Here you see how a box with a 4 pixel rgb(210, 0, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 0, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 0, 36);  
box-shadow:4px 4px 4px 4px rgb(210, 0, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 66.8940, -15.2307, 125.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 0, 36) }
```

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

```
.background{ background-color: rgb(210, 0,  
36) }
```

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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