

Converting Colors

YUV(85.2050, -13.4121,
148.9102)

Have a look what the booklet for
YUV(85.2050, -13.4121, 148.9102)
contains.

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Color

**YUV(85.2050, -13.4121,
148.9102)**

Conversions

Conversions Part 1

Format	Color
Hex	FF043A
RGB	255, 4, 58
RGB Percent	100%, 2%, 23%
CMY	0.0000, 0.9843, 0.7725
CMYK	0.00, 0.98, 0.77, 0.00
HSL	347°, 100%, 51%
HSV	347°, 98%, 100%
XYZ	42.0471, 21.6523, 5.9662
YIQ	85.2050, 132.2620, 70.0060

Conversions

Conversions Part 2

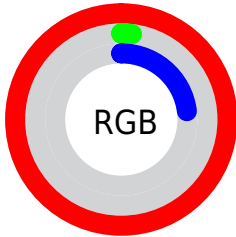
Format	Color
RYB	255, 4, 58
Decimal	16712762
CIELab	53.66, 80.74, 44.13
CIElCh	54, 92.013, 28.662
Yxy	21.6523, 0.6036, 0.3108
Android (android.graphics.Color)	4294902842 (0xFFFF043A)
YUV	85.2050, -13.4121, 148.9102
Hunter-Lab	46.5321, 79.8645, 24.9705

Details

The YUV color **85.2050, -13.4121, 148.9102** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **173.7950, 13.4121, -148.9102**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.8550, -19.6485, 95.7202**, and **58.0360, -20.7237, 113.9784** is the 20% darker color. If you saturate the color by 10%, you get **82.5150, -13.5649, 151.2693**, and if you desaturate by 10%, it is **102.1600, -11.9109, 134.0407**.

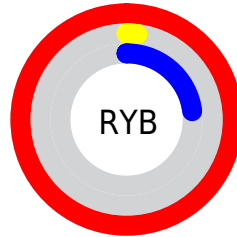
Distribution



Red (100%)

Green (2%)

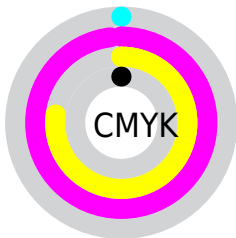
Blue (23%)



Red (100%)

Yellow (2%)

Blue (23%)

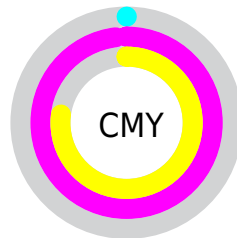


Cyan (0%)

Magenta (98%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (98%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.2050, -13.4121, 148.9102 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 85.2050, -13.4121, 148.9102 by changing the saturation by 10% instead.


 85.2050, -13.4121,
148.9102


 85.2050, -13.4121,
148.9102


255.0000, 0.0000,
0.0000


 70.4820, -16.9996,
132.8813


 145.8550,
-19.6485, 95.7202


 58.0360, -20.7237,
113.9784


 167.4890,
-17.9891, 76.7471


 46.6440, -22.9955,
95.9052


 188.0630,
-15.3141, 58.7037

 36.8910, -17.6943,
75.5176

 209.3380,
-12.4916, 40.0456

 27.6650, -11.6668,
55.5448

 230.1400, -8.9430,
21.8022

 18.2820, -7.5340,
36.5867

 251.5290, -5.6838,

 6.5780, -3.2430,

3.0441

13.5251

■ 0.0000, 0.0000,
0.0000

■ 85.2050, -13.4121,
148.9102

■ 85.2050, -13.4121,
148.9102

■ 82.5150, -13.5649,
151.2693

■ 102.1600,
-11.9109, 134.0407

■ 119.7020,
-10.6991, 118.6563

■ 137.2440, -9.4873,
103.2720

■ 154.1990, -7.9861,
88.4025

■ 171.7410, -6.7743,
73.0181

■ 188.6960, -5.2731,
58.1486

■ 205.6510, -3.7719,
43.2791

■ 223.1930, -2.5601,
27.8947

■ 240.7350, -1.3484,
12.5104

Harmonies

Analogous

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



91.6350, 21.3789, 143.2711



85.2050, -13.4121, 148.9102



116.2510, -57.3117, 89.2339

Triad

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



85.2050, -13.4121, 148.9102



94.6330, -30.8781, -82.9931



111.8370, 70.5794, -98.0810

Complementary

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



85.2050, -13.4121, 148.9102



173.7950, 13.4121, -148.9102

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.



120.6420, 66.2385, -105.8030



85.2050, -13.4121, 148.9102



107.2410, 7.2762, -94.0504

Square

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



85.2050, -13.4121, 148.9102



108.4370, -53.4594, -26.6932



117.0620, 42.3674, -102.6634



122.0670, 65.5360, -20.2298

Rectangle

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



85.2050, -13.4121, 148.9102



121.0370, -59.6712, 52.5876



117.0620, 42.3674, -102.6634



115.3590, 68.8430, -101.1698

Sweetspot

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



85.2050, -13.4121, 148.9102



203.5480, -4.2142, 45.1234



91.5170, 80.5971, 96.0166



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.



85.2050, -13.4121, 148.9102



82.5150, -13.5649, 151.2693



120.7260, -57.5459, 117.7583



119.1150, -1.0427, 7.7921



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Inverse Universe

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



85.2050, -13.4121, 148.9102



82.5150, -13.5649, 151.2693



138.2740, 57.5459, -117.7583



119.1150, -1.0427, 7.7921



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 85.2050, -13.4121, 148.9102 looks on a white background.

Color Contrast Check

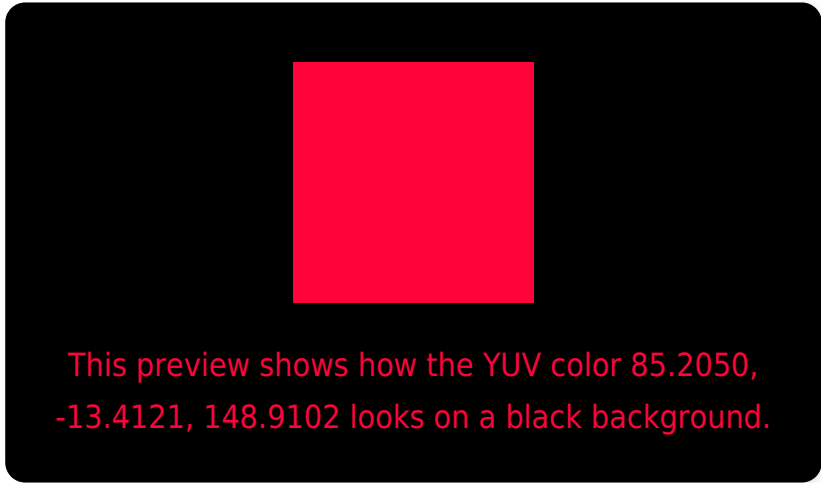
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 85.2050, -13.4121, 148.9102

Background



This preview shows how black text looks on a background with the YUV color 85.2050, -13.4121, 148.9102.



This preview shows how white text looks on a background with the YUV color 85.2050, -13.4121,

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

85.2050, -13.4121, 148.9102

Protanopia

127.6150, -19.5302, 10.8616

Deuteranopia

125.4270, -41.1295, 32.0745



Tritanopia

91.4020, -39.1452, 142.5984

Trichromacy



Original Color

85.2050, -13.4121, 148.9102

Protanomaly

112.5040, -17.5035, 60.9480

Deuteranomaly

111.0360, -31.0767, 74.5134

Tritanomaly

89.2310, -29.6939, 144.5024

Monochromacy



Original Color

85.2050, -13.4121, 148.9102

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.3750, -5.1149, 54.0451

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2050, -13.4121, 148.9102 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(255, 4, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 4, 58)  
}
```

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(255, 4, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 4, 58) }
```

Border

The CSS property to change the border of an element to YUV 85.2050, -13.4121, 148.9102 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(255, 4, 58) }
```


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

```
.border{ border-color:rgb(255, 4, 58) }
```

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

Here you see how a box with a 4 pixel rgb(255, 4, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 4, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 4, 58);  
box-shadow:4px 4px 4px 4px rgb(255, 4, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.2050, -13.4121, 148.9102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 4, 58) }
```

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

```
.background{ background-color: rgb(255, 4,  
58) }
```

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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