

Converting Colors

YUV(84.9260, -10.3165,
135.9999)

Have a look what the booklet for
YUV(84.9260, -10.3165, 135.9999)
contains.

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Color

**YUV(84.9260, -10.3165,
135.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	F00A40
RGB	240, 10, 64
RGB Percent	94%, 4%, 25%
CMY	0.0588, 0.9608, 0.7490
CMYK	0.00, 0.96, 0.73, 0.06
HSL	346°, 92%, 49%
HSV	346°, 96%, 94%
XYZ	36.9691, 19.1125, 6.5911
YIQ	84.9260, 119.7460, 65.5540

Conversions

Conversions Part 2

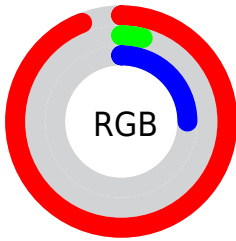
Format	Color
R_{YB}	240, 10, 64
Decimal	15731264
CIE Lab	50.82, 76.97, 36.68
CIE LCh	51, 85.261, 25.478
Yxy	19.1125, 0.5899, 0.3050
Android (android.graphics.Color)	4293921344 (0xFFFF00A40)
YUV	84.9260, -10.3165, 135.9999
Hunter-Lab	43.7179, 74.4387, 21.6637

Details

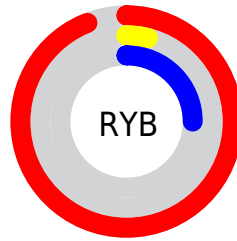
The YUV color **84.9260, -10.3165, 135.9999** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark saturated red. A complement of this color would be **165.0740, 10.3165, -135.9999**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3650, -16.4489, 96.1499**, and **54.8330, -16.1867, 105.3865** is the 20% darker color. If you saturate the color by 10%, you get **78.1440, -10.9170, 141.9477**, and if you desaturate by 10%, it is **101.0660, -9.3995, 121.8451**.

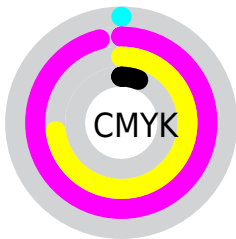
Distribution



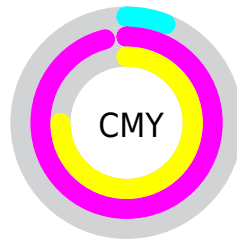
- Red (94%)
- Green (4%)
- Blue (25%)



- Red (94%)
- Yellow (4%)
- Blue (25%)



- Cyan (0%)
- Magenta (96%)
- Yellow (73%)
- Black (6%)





- Cyan (6%)
- Magenta (96%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9260, -10.3165, 135.9999 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 84.9260, -10.3165, 135.9999 by changing the saturation by 10% instead.


 84.9260, -10.3165,
135.9999


 84.9260, -10.3165,
135.9999


255.0000, 0.0000,
0.0000


 66.6810, -12.1677,
123.0598


 145.3650,
-16.4489, 96.1499


 54.8330, -16.1867,
105.3865


 166.4120,
-14.5001, 77.6917


 42.7570, -21.0792,
87.9131


 186.9860,
-11.8251, 59.6483

 33.1180, -15.3412,
67.4255

 207.6740, -8.7133,
41.5049

 24.3760, -10.0454,
48.7822

 229.0630, -5.4541,
22.7467

 14.5800, -6.2019,
29.3093

 249.9790, -1.4686,

 0.0000, 0.0000,

4.4034

0.0000

■ 84.9260, -10.3165,
135.9999

■ 84.9260, -10.3165,
135.9999

■ 78.1440, -10.9170,
141.9477

■ 101.0660, -9.3995,
121.8451

■ 117.3200, -8.0458,
107.5904

■ 133.4600, -7.1288,
93.4356

■ 149.6000, -6.2118,
79.2808

■ 165.8540, -4.8580,
65.0260

■ 181.9940, -3.9410,
50.8713

■ 198.2480, -2.5873,
36.6165

■ 214.3880, -1.6703,
22.4617

■ 230.5280, -0.7533,
8.3069

Harmonies

Analogous

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



86.8510, 23.7375, 133.4347



84.9260, -10.3165, 135.9999



108.8640, -53.6700, 87.8193

Triad

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



84.9260, -10.3165, 135.9999



87.7370, -31.9153, -76.9453



107.7280, 72.6051, -94.4775

Complementary

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



84.9260, -10.3165, 135.9999



165.0740, 10.3165, -135.9999

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.



113.8770, 63.1646, -99.8701



84.9260, -10.3165, 135.9999



100.2480, 3.3287, -87.9175

Square

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



84.9260, -10.3165, 135.9999



104.9590, -51.7448, -16.6270



109.3850, 35.7992, -95.9306



114.0050, 69.5105, -35.0844

Rectangle

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



84.9260, -10.3165, 135.9999



114.2590, -56.3297, 54.1469



109.3850, 35.7992, -95.9306



111.2500, 70.8688, -97.5662

Sweetspot

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



84.9260, -10.3165, 135.9999



205.0640, -3.4826, 43.7939



87.6480, 75.1095, 82.7467



97.5950, -2.2653, 26.6652



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.



84.9260, -10.3165, 135.9999



83.0850, -11.3809, 150.7695



112.2290, -50.3989, 112.0552



111.9300, -0.4585, 7.0774



59.9180, -8.3406, 108.8199



18.2260, -2.5764, 33.1278

Inverse Universe

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



84.9260, -10.3165, 135.9999



83.0850, -11.3809, 150.7695



137.1840, 50.6883, -111.5404



111.9300, -0.4585, 7.0774



59.9180, -8.3406, 108.8199



18.2260, -2.5764, 33.1278

Previews

White Background



This preview shows how the YUV color 84.9260, -10.3165, 135.9999 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



This preview shows how the YUV color 84.9260, -10.3165, 135.9999 looks on a 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 84.9260, -10.3165, 135.9999

Background



This preview shows how black text looks on a background with the YUV color 84.9260, -10.3165, 135.9999.



This preview shows how white text looks on a background with the YUV color 84.9260, -10.3165,

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

84.9260, -10.3165, 135.9999

Protanopia

121.4280, -12.5360, 7.5176

Deuteranopia

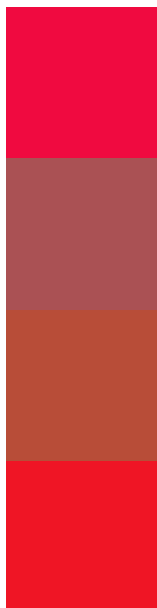
119.3540, -33.6985, 28.6305



Tritanopia

89.7040, -33.8711, 130.9326

Trichromacy



Original Color

84.9260, -10.3165, 135.9999

Protanomaly

107.9530, -11.8088, 54.4152

Deuteranomaly

106.5990, -24.9453, 67.8807

Tritanomaly

88.0060, -25.1460, 132.4217

Monochromacy



Original Color

84.9260, -10.3165, 135.9999

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9830, -3.9356, 49.1269

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9260, -10.3165, 135.9999 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(240, 10, 64)` looks like.

```
.text, #text, p{  
    color:rgb(240, 10, 64)  
}
```

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(240, 10, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 10, 64) }
```

Border

The CSS property to change the border of an element to YUV 84.9260, -10.3165, 135.9999 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(240, 10, 64) }
```


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

```
.border{ border-color:rgb(240, 10, 64) }
```

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

Here you see how a box with a 4 pixel rgb(240, 10, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 10, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 10, 64);  
box-shadow:4px 4px 4px 4px rgb(240, 10,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 84.9260, -10.3165, 135.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 10, 64) }
```

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

```
.background{ background-color: rgb(240, 10,  
64) }
```

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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