

Converting Colors

YUV(96.8350, -15.6947,
134.3257)

Have a look what the booklet for
YUV(96.8350, -15.6947, 134.3257)
contains.

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Color

**YUV(96.8350, -15.6947,
134.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	FA1941
RGB	250, 25, 65
RGB Percent	98%, 10%, 25%
CMY	0.0196, 0.9020, 0.7451
CMYK	0.00, 0.90, 0.74, 0.02
HSL	349°, 96%, 54%
HSV	349°, 90%, 98%
XYZ	40.7261, 21.4009, 6.9853
YIQ	96.8350, 121.2600, 60.1400

Conversions

Conversions Part 2

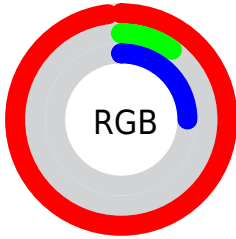
Format	Color
R_{YB}	250, 25, 65
Decimal	16390465
CIE _{Lab}	53.39, 77.87, 39.57
CIE _{LCh}	53, 87.348, 26.934
Yxy	21.4009, 0.5893, 0.3097
Android (android.graphics.Color)	4294580545 (0xFFFA1941)
YUV	96.8350, -15.6947, 134.3257
Hunter-Lab	46.2611, 76.1860, 23.4301

Details

The YUV color **96.8350, -15.6947, 134.3257** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **178.1650, 15.6947, -134.3257**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5880, -18.0379, 92.4463**, and **57.5240, -17.5133, 110.9195** is the 20% darker color. If you saturate the color by 10%, you get **79.7660, -17.6326, 149.2952**, and if you desaturate by 10%, it is **113.9040, -13.7567, 119.3562**.

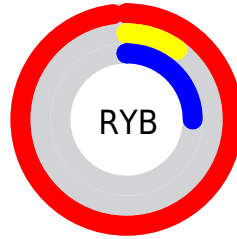
Distribution



Red (98%)

Green (10%)

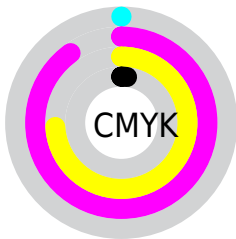
Blue (25%)



Red (98%)

Yellow (10%)

Blue (25%)

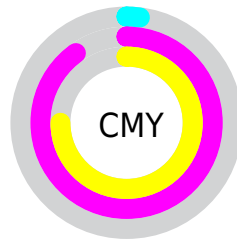


Cyan (0%)

Magenta (90%)

Yellow (74%)

Black (2%)



Cyan (2%)


Magenta (90%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.8350, -15.6947, 134.3257 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 96.8350, -15.6947, 134.3257 by changing the saturation by 10% instead.


 96.8350, -15.6947,
134.3257


 96.8350, -15.6947,
134.3257


255.0000, 0.0000,
0.0000


 69.7850, -13.2050,
129.1076


 149.5880,
-18.0379, 92.4463


 57.5240, -17.5133,
110.9195


 170.6350,
-16.0891, 73.9881


 45.4480, -22.4059,
93.4461


 191.3230,
-12.9772, 55.8447

 35.6950, -17.1046,
73.0585

 212.0110, -9.8654,
37.7014

 26.6540, -11.6614,
53.8004

 232.8130, -6.3168,
19.4580

 17.2710, -7.5286,
34.8423

 254.2020, -3.0576,

 4.4850, -2.2111,

0.6998

9.2217

■ 0.0000, 0.0000,
0.0000

■ 96.8350, -15.6947,
134.3257

■ 96.8350, -15.6947,
134.3257

■ 79.7660, -17.6326,
149.2952

■ 113.9040,
-13.7567, 119.3562

■ 130.8590,
-12.2555, 104.4867

■ 147.9280,
-10.3175, 89.5171

■ 164.8830, -8.8163,
74.6476

■ 181.9520, -6.8783,
59.6781

■ 198.9070, -5.3772,
44.8086

■ 215.9760, -3.4392,
29.8390

■ 232.9310, -1.9380,
14.9695

■ 250.0000, 0.0000,
0.0000

Harmonies

Analogous

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



90.8950, 23.7158, 140.4121



96.8350, -15.6947, 134.3257



115.9520, -57.1643, 88.6191

Triad

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



96.8350, -15.6947, 134.3257



93.5730, -29.8625, -82.0635



111.2500, 70.8688, -97.5662

Complementary

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



96.8350, -15.6947, 134.3257



178.1650, 15.6947, -134.3257

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.



119.3540, 66.3805, -104.6735



96.8350, -15.6947, 134.3257



106.0840, 5.3816, -93.0357

Square

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



96.8350, -15.6947, 134.3257



110.2530, -54.3547, -19.5159



115.4490, 38.7256, -101.2488



121.4360, 65.8471, -26.6924

Rectangle

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



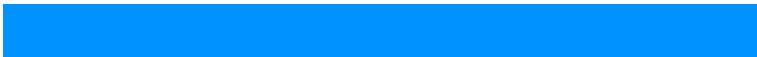
96.8350, -15.6947, 134.3257



120.1620, -59.2399, 54.2319



115.4490, 38.7256, -101.2488



114.7720, 69.1324, -100.6550

Sweetspot

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



96.8350, -15.6947, 134.3257



207.9990, -4.9295, 41.2199



105.6660, 71.1567, 90.6239



100.0570, -2.9861, 24.5060



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.



96.8350, -15.6947, 134.3257



81.3750, -17.9329, 152.2691



133.9520, -53.7133, 101.7741



116.2290, -0.6059, 7.6922



60.3870, -13.0088, 112.7936



19.4930, -4.1870, 36.4016

Inverse Universe

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



96.8350, -15.6947, 134.3257



81.3750, -17.9329, 152.2691



141.0480, 53.7133, -101.7741



116.2290, -0.6059, 7.6922



60.3870, -13.0088, 112.7936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 96.8350, -15.6947, 134.3257 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 96.8350, -15.6947, 134.3257 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 96.8350, -15.6947, 134.3257

Background



This preview shows how black text looks on a background with the YUV color 96.8350, -15.6947, 134.3257.



This preview shows how white text looks on a background with the YUV color 96.8350, -15.6947,

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

96.8350, -15.6947, 134.3257

Protanopia

127.0430, -15.3042, 8.7323

Deuteranopia

125.0830, -36.0299, 29.7452



Tritanopia

97.8290, -33.4397, 132.5770

Trichromacy



Original Color

96.8350, -15.6947, 134.3257

Protanomaly

116.3290, -15.4452, 54.0855

Deuteranomaly

114.9750, -28.5817, 67.5509

Tritanomaly

97.5500, -26.8931, 132.8216

Monochromacy



Original Color

96.8350, -15.6947, 134.3257

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1140, -5.9722, 49.0120

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.8350, -15.6947, 134.3257 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(250, 25, 65)` looks like.

```
.text, #text, p{  
    color:rgb(250, 25, 65)  
}
```

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(250, 25, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 25, 65) }
```

Border

The CSS property to change the border of an element to YUV 96.8350, -15.6947, 134.3257 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(250, 25, 65) }
```


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

```
.border{ border-color:rgb(250, 25, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 25, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 25, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 25, 65);  
box-shadow:4px 4px 4px 4px rgb(250, 25,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 96.8350, -15.6947, 134.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 25, 65) }
```

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

```
.background{ background-color: rgb(250, 25,  
65) }
```

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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