

Converting Colors

YUV(97.3600, -8.5585,
132.1113)

Have a look what the booklet for
YUV(97.3600, -8.5585, 132.1113)
contains.

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Color

**YUV(97.3600, -8.5585,
132.1113)**

Conversions

Conversions Part 1

Format	Color
Hex	F81850
RGB	248, 24, 80
RGB Percent	97%, 9%, 31%
CMY	0.0275, 0.9059, 0.6863
CMYK	0.00, 0.90, 0.68, 0.03
HSL	345°, 94%, 53%
HSV	345°, 90%, 97%
XYZ	40.4860, 21.1889, 9.5454
YIQ	97.3600, 115.5280, 64.9040

Conversions

Conversions Part 2

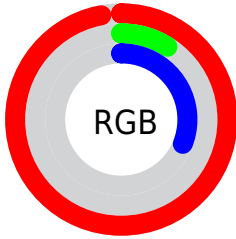
Format	Color
R_{YB}	248, 24, 80
Decimal	16259152
CIE _{Lab}	53.16, 78.12, 30.39
CIE _{LCh}	53, 83.823, 21.255
Yxy	21.1889, 0.5685, 0.2975
Android (android.graphics.Color)	4294449232 (0xFFFF81850)
YUV	97.3600, -8.5585, 132.1113
Hunter-Lab	46.0314, 76.4411, 19.9272

Details

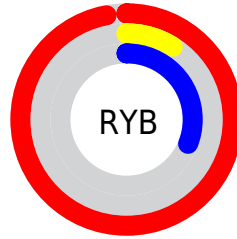
The YUV color **97.3600, -8.5585, 132.1113** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **174.6400, 8.5585, -132.1113**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8250, -10.7597, 91.3615**, and **58.8210, -11.2508, 108.9050** is the 20% darker color. If you saturate the color by 10%, you get **81.2200, -9.4755, 146.2661**, and if you desaturate by 10%, it is **114.2010, -7.4941, 117.3417**.

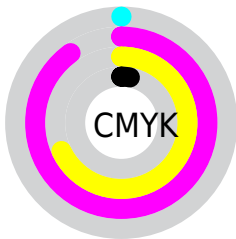
Distribution



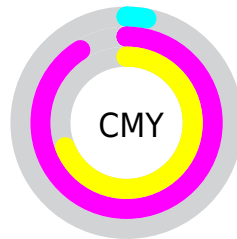
- Red (97%)
- Green (9%)
- Blue (31%)



- Red (97%)
- Yellow (9%)
- Blue (31%)



- Cyan (0%)
- Magenta (90%)
- Yellow (68%)
- Black (3%)



- Cyan (3%)
- Magenta (91%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.3600, -8.5585, 132.1113 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 97.3600, -8.5585, 132.1113 by changing the saturation by 10% instead.

■ 97.3600, -8.5585,
132.1113

■ 97.3600, -8.5585,
132.1113

255.0000, 0.0000,
0.0000

■ 70.7830, -6.7950,
126.4783

■ 150.8250,
-10.7597, 91.3615

■ 58.8210, -11.2508,
108.9050

■ 171.9860, -8.3741,
72.8033

■ 47.0870, -14.8329,
91.1317

■ 192.6740, -5.2623,
54.6599

■ 35.6950, -17.1046,
73.0585

■ 213.9490, -2.4399,
36.0017

■ 26.6540, -11.6614,
53.8004

■ 234.7510, 1.1088,
17.7584

■ 16.9720, -7.3812,
34.2276

254.4130, 0.2894,

■ 4.1860, -2.0637,

0.5148

8.6069

■ 0.0000, 0.0000,
0.0000

■ 97.3600, -8.5585,
132.1113

■ 97.3600, -8.5585,
132.1113

■ 81.2200, -9.4755,
146.2661

■ 114.2010, -7.4941,
117.3417

■ 130.9280, -6.8665,
102.6721

■ 147.1820, -5.5127,
88.4174

■ 163.9090, -4.8851,
73.7478

■ 180.7500, -3.8207,
58.9783

■ 197.5910, -2.7564,
44.2087

■ 214.3180, -2.1288,
29.5391

■ 230.5720, -0.7750,
15.2844

■ 247.2990, -0.1474,
0.6148

Harmonies

Analogous

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



95.7300, 27.2481, 127.4018



97.3600, -8.5585, 132.1113



113.0390, -55.7282, 94.6818

Triad

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



97.3600, -8.5585, 132.1113



89.7600, -36.8567, -78.7195



113.0110, 70.0006, -99.1106

Complementary

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



97.3600, -8.5585, 132.1113



174.6400, 8.5585, -132.1113

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.



117.7580, 60.2653, -103.2738



97.3600, -8.5585, 132.1113



103.3140, -0.1548, -90.6064

Square

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



97.3600, -8.5585, 132.1113



112.9880, -55.7031, -7.0055



112.4510, 32.3157, -98.6195



111.7910, 70.6020, -58.5757

Rectangle

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



97.3600, -8.5585, 132.1113



119.0320, -58.6828, 62.2389



112.4510, 32.3157, -98.6195



115.9460, 68.5536, -101.6846

Sweetspot

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



97.3600, -8.5585, 132.1113



208.5690, -2.7455, 40.7200



99.7680, 73.0784, 80.8875



100.3990, -1.6757, 24.2061



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.



97.3600, -8.5585, 132.1113



83.5410, -9.6337, 150.3695



123.8480, -49.2251, 108.8813



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Inverse Universe

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



97.3600, -8.5585, 132.1113



83.5410, -9.6337, 150.3695



148.1520, 49.2251, -108.8813



116.3430, -0.1691, 7.5922



61.8690, -7.3304, 111.4939



19.9490, -2.4399, 36.0017

Previews

White Background



This preview shows how the YUV color 97.3600, -8.5585, 132.1113 looks on a white background.

Color Contrast Check

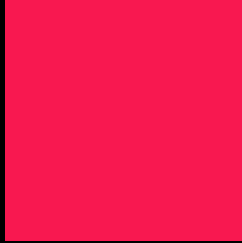
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3600, -8.5585, 132.1113 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 97.3600, -8.5585, 132.1113

Background



This preview shows how black text looks on a background with the YUV color 97.3600, -8.5585, 132.1113.

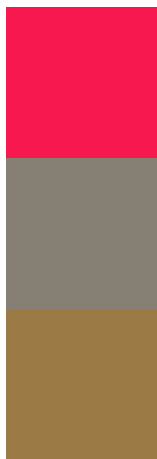


This preview shows how white text looks on a background with the YUV color 97.3600, -8.5585,

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

97.3600, -8.5585, 132.1113

Protanopia

127.5400, -5.6892, 4.7884

Deuteranopia

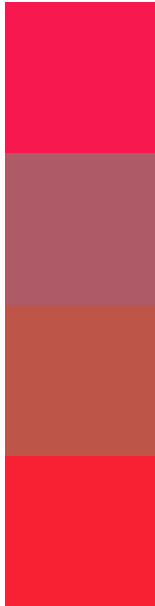
126.1240, -28.1621, 26.2013



Tritanopia

100.1490, -32.1185, 128.7883

Trichromacy



Original Color

97.3600, -8.5585, 132.1113

Protanomaly

116.8970, -6.8512, 50.9563

Deuteranomaly

115.3150, -20.8613, 64.6217

Tritanomaly

99.0380, -23.6827, 129.7627

Monochromacy



Original Color

97.3600, -8.5585, 132.1113

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.9120, -2.9146, 48.3122

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.3600, -8.5585, 132.1113 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(248, 24, 80)` looks like.

```
.text, #text, p{  
    color:rgb(248, 24, 80)  
}
```

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(248, 24, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 24, 80) }
```

Border

The CSS property to change the border of an element to YUV 97.3600, -8.5585, 132.1113 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(248, 24, 80) }
```


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

```
.border{ border-color:rgb(248, 24, 80) }
```

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

Here you see how a box with a 4 pixel rgb(248, 24, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 24, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 24, 80);  
box-shadow:4px 4px 4px 4px rgb(248, 24,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 97.3600, -8.5585, 132.1113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 24, 80) }
```

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

```
.background{ background-color: rgb(248, 24,  
80) }
```

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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