

Converting Colors

YUV(75.9610, -33.5048,
153.5092)

Have a look what the booklet for
YUV(75.9610, -33.5048, 153.5092)
contains.

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Color

**YUV(75.9610, -33.5048,
153.5092)**

Conversions

Conversions Part 1

Format	Color
Hex	FB0008
RGB	251, 0, 8
RGB Percent	98%, 0%, 3%
CMY	0.0157, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.97, 0.02
HSL	358°, 100%, 49%
HSV	358°, 100%, 98%
XYZ	39.8275, 20.5268, 2.0926
YIQ	75.9610, 147.0280, 55.7000

Conversions

Conversions Part 2

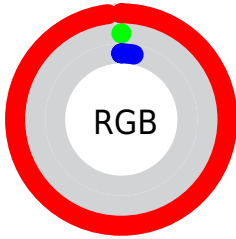
Format	Color
RYB	251, 0, 8
Decimal	16449544
CIELab	52.43, 79.21, 64.41
CIELCh	52, 102.089, 39.115
Yxy	20.5268, 0.6378, 0.3287
Android (android.graphics.Color)	4294639624 (0xFFFB0008)
YUV	75.9610, -33.5048, 153.5092
Hunter-Lab	45.3065, 77.6274, 28.9760

Details

The YUV color **75.9610, -33.5048, 153.5092** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **175.0390, 33.5048, -153.5092**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.7790, -37.8520, 101.0488**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **75.9610, -33.5048, 153.5092**, and if you desaturate by 10%, it is **93.3720, -30.2564, 138.2398**.

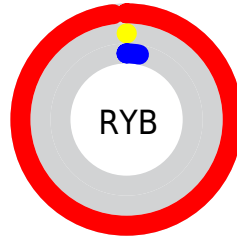
Distribution



Red (98%)

Green (0%)

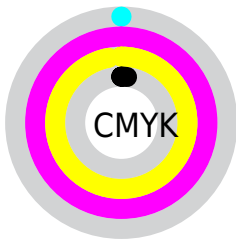
Blue (3%)



Red (98%)

Yellow (0%)

Blue (3%)

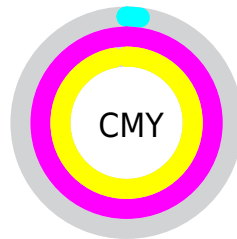


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (2%)



Cyan (2%)


Magenta (100%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.9610, -33.5048, 153.5092 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 75.9610, -33.5048, 153.5092 by changing the saturation by 10% instead.


 75.9610, -33.5048,
153.5092


 75.9610, -33.5048,
153.5092


254.6580, -1.3104,
0.2999


 64.8830, -31.9873,
133.4066


 139.7790,
-37.8520, 101.0488


 55.0160, -27.1229,
113.1190


 160.8260,
-35.9032, 82.5906


 44.8500, -22.1110,
92.2166


 181.4000,
-33.2282, 64.5472

 35.5100, -16.5204,
72.3437

 202.5610,
-30.8426, 45.9890

 26.4690, -11.0772,
53.0857

 223.2490,
-27.7308, 27.8456


 16.6730, -7.2338,
33.6128

 244.0510,


 2.6910, -1.3267,


-24.1821, 9.6023


5.5330


 251.3520,
-13.9775, 3.1993


 0.0000, 0.0000,
0.0000


 75.9610, -33.5048,
153.5092

 93.3720, -30.2564,
138.2398

 110.8970,
-26.5712, 122.8703

 128.3080,
-23.3228, 107.6009

 145.7190,
-20.0745, 92.3314

 163.8310,
-16.6787, 76.4472

■ 181.2420,
-13.4303, 61.1778

■ 198.6530,
-10.1819, 45.9083

■ 216.0640, -6.9336,
30.6389

■ 233.5890, -3.2484,
15.2694

Harmonies

Analogous

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



87.9870, 7.4014, 146.4704



75.9610, -33.5048, 153.5092



116.1520, -57.2629, 73.5347

Triad

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



75.9610, -33.5048, 153.5092



97.3690, -20.3949, -85.3926



105.3800, 73.7627, -92.4183

Complementary

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



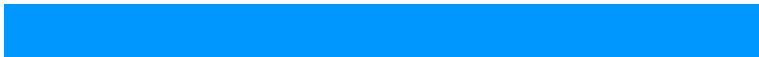
75.9610, -33.5048, 153.5092



175.0390, 33.5048, -153.5092

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.



118.2940, 67.3961, -103.7438



75.9610, -33.5048, 153.5092



110.5470, 19.9433, -96.9497

Square

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



75.9610, -33.5048, 153.5092



86.8760, -42.8299, -76.1903



120.2370, 57.0712, -105.4478



122.9400, 65.1056, 24.6086

Rectangle

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



75.9610, -33.5048, 153.5092



117.9590, -58.1538, 32.4850



120.2370, 57.0712, -105.4478



110.6630, 71.1581, -97.0515

Sweetspot

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



75.9610, -33.5048, 153.5092



201.9520, -10.3293, 46.5231



101.2710, 73.8164, 124.2963



95.8680, -6.3439, 28.1798



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.



75.9610, -33.5048, 153.5092



77.1570, -34.0944, 155.9683



143.7280, -70.8579, 94.0775



116.0010, -1.4795, 7.8921



57.1950, -25.2391, 115.5930



18.4670, -8.1182, 37.3014

Inverse Universe

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



75.9610, -33.5048, 153.5092



77.1570, -34.0944, 155.9683



107.2720, 70.8579, -94.0775



116.0010, -1.4795, 7.8921



57.1950, -25.2391, 115.5930



18.4670, -8.1182, 37.3014

Previews

White Background



This preview shows how the YUV color 75.9610, -33.5048, 153.5092 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 75.9610, -33.5048, 153.5092

Background



This preview shows how black text looks on a background with the YUV color 75.9610, -33.5048, 153.5092.



This preview shows how white text looks on a background with the YUV color 75.9610, -33.5048,

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

75.9610, -33.5048, 153.5092

Protanopia

120.8830, -42.8333, 18.5196

Deuteranopia

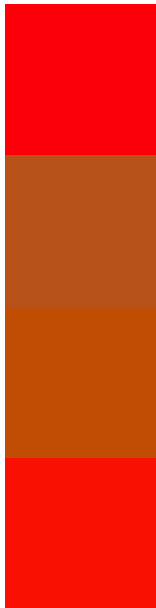
118.2800, -58.3120, 36.5884



Tritanopia

87.9520, -43.3603, 141.2391

Trichromacy



Original Color

75.9610, -33.5048, 153.5092

Protanomaly

104.8150, -39.3488, 67.6912

Deuteranomaly

102.6610, -49.1329, 79.2273

Tritanomaly

83.8970, -39.8822, 145.6723

Monochromacy



Original Color

75.9610, -33.5048, 153.5092

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8500, -12.2510, 56.2596

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9610, -33.5048, 153.5092 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(251, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 8)  
}
```

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(251, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 8) }
```

Border

The CSS property to change the border of an element to YUV 75.9610, -33.5048, 153.5092 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(251, 0, 8) }
```


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

```
.border{ border-color:rgb(251, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(251, 0, 8); box-shadow:4px  
4px 4px 4px rgb(251, 0, 8) }
```

Background

The CSS property to change the background color of an element to YUV 75.9610, -33.5048, 153.5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 8) }
```

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

```
.background{ background-color: rgb(251, 0,  
8) }
```

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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