

Converting Colors

YUV(152.2560, -75.0622,
89.2295)

Have a look what the booklet for
YUV(152.2560, -75.0622, 89.2295)
contains.

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Color

**YUV(152.2560, -75.0622,
89.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8200
RGB	254, 130, 0
RGB Percent	100%, 51%, 0%
CMY	0.0039, 0.4902, 1.0000
CMYK	0.00, 0.49, 1.00, 0.00
HSL	31°, 100%, 50%
HSV	31°, 100%, 100%
XYZ	48.8557, 37.0361, 4.5737
YIQ	152.2560, 115.6340, -14.1420

Conversions

Conversions Part 2

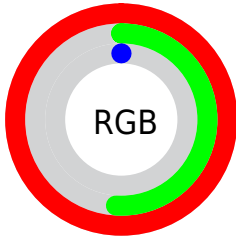
Format	Color
R _Y B	242, 254, 0
Decimal	16679424
CIE Lab	67.30, 41.45, 74.10
CIE LCh	67, 84.911, 60.777
Yxy	37.0361, 0.5400, 0.4094
Android (android.graphics.Color)	4294869504 (0xFFFE8200)
YUV	152.2560, -75.0622, 89.2295
Hunter-Lab	60.8573, 36.7979, 38.1442

Details

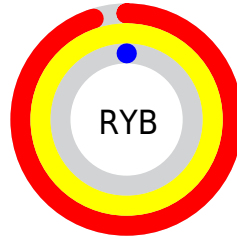
The YUV color **152.2560, -75.0622, 89.2295** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **101.7440, 75.0622, -89.2295**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5750, -58.9505, 54.7467**, and **102.5960, -50.5798, 76.6533** is the 20% darker color. If you saturate the color by 10%, you get **152.2560, -75.0622, 89.2295**, and if you desaturate by 10%, it is **162.1500, -67.6150, 80.5524**.

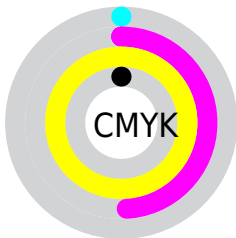
Distribution



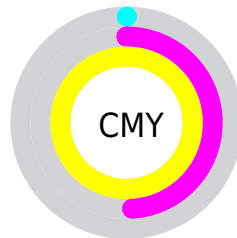
- Red (100%)
- Green (51%)
- Blue (0%)



- Red (95%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (49%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2560, -75.0622, 89.2295 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 152.2560, -75.0622, 89.2295 by changing the saturation by 10% instead.

152.2560,
-75.0622, 89.2295

152.2560,
-75.0622, 89.2295

255.0000, 0.0000,
0.0000

127.4260,
-62.8210, 82.9414

192.5750,
-58.9505, 54.7467

102.5960,
-50.5798, 76.6533

212.7900,
-55.1125, 37.0182

78.3530, -38.6280,
69.8504

232.3040,
-51.4219, 19.9044

53.2350, -26.2449,
64.6919

243.7140,
-43.2430, 9.8978

29.0030, -14.2985,
59.6334

246.9060,
-31.0127, 7.0984


20.3320, -10.0237,
41.8048

250.2120,


12.6720, -5.7543,


-18.3455, 4.1991


25.7207


 253.5180, -5.6784,
1.2997


 0.0000, 0.0000,
0.0000


 152.2560,
-75.0622, 89.2295

 162.1500,
-67.6150, 80.5524

 172.7450,
-60.0203, 71.2606

 182.6390,
-52.5730, 62.5836

 193.2340,
-44.9784, 53.2918

 203.1280,
-37.5311, 44.6147

■ 213.0220,
-30.0838, 35.9377

■ 223.6170,
-22.4892, 26.6459

■ 233.5110,
-15.0419, 17.9689

■ 244.1060, -7.4473,
8.6770

Harmonies

Analogous

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



140.5090, -24.9009, 100.4086



152.2560, -75.0622, 89.2295



152.8120, -75.3363, 36.9989

Triad

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



152.2560, -75.0622, 89.2295



134.3350, 14.6248, -117.8118



159.9650, 46.8523, -0.8463

Complementary

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



152.2560, -75.0622, 89.2295



101.7440, 75.0622, -89.2295

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.



130.6210, 61.3188, -114.5546



152.2560, -75.0622, 89.2295



143.1130, 48.2583, -125.5101

Square

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



152.2560, -75.0622, 89.2295



122.8670, -19.1614, -107.7544



140.6000, 56.3992, -123.3062



163.4790, 37.7249, 80.2639

Rectangle

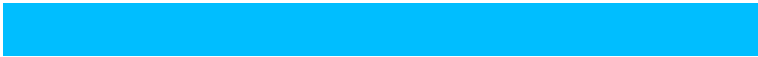
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



152.2560, -75.0622, 89.2295



147.2650, -72.6016, -0.2324



140.6000, 56.3992, -123.3062



149.6670, 51.9292, -42.6810

Sweetspot

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



152.2560, -75.0622, 89.2295



224.6170, -22.4892, 26.6459



90.4240, 18.0320, 143.4562



109.2550, -13.4367, 16.4394



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.



152.2560, -75.0622, 89.2295



153.1420, -75.4990, 89.3295



225.0440, -110.9467, 25.3944



122.4090, -3.6526, 4.9033



114.6350, -56.5151, 66.9721



38.5070, -18.9840, 22.3574

Inverse Universe

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



101.7440, 75.0622, -89.2295



101.8580, 75.4990, -89.3295



28.9560, 110.9467, -25.3944



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 152.2560, -75.0622, 89.2295 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 152.2560, -75.0622, 89.2295 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 ✓ Pass

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

YUV 152.2560, -75.0622, 89.2295

Background



This preview shows how black text looks on a background with the YUV color 152.2560, -75.0622, 89.2295.



This preview shows how white text looks on a background with the YUV color 152.2560, -75.0622, 89.2295.

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

152.2560, -75.0622, 89.2295

Protanopia

154.6780, -65.4103, 26.5924

Deuteranopia

153.7640, -75.8057, 47.5650



Tritanopia

163.3800, -15.9633, 80.3507

Trichromacy



Original Color

152.2560, -75.0622, 89.2295

Protanomaly

153.6100, -68.8277, 49.4540

Deuteranomaly

153.5640, -75.7071, 62.6494

Tritanomaly

159.6690, -37.7978, 83.6053

Monochromacy



Original Color

152.2560, -75.0622, 89.2295

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0970, -27.1628, 32.3639

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2560, -75.0622, 89.2295 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(254, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(254, 130, 0)  
}
```

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(254, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 130, 0) }
```

Border

The CSS property to change the border of an element to YUV 152.2560, -75.0622, 89.2295 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(254, 130, 0) }
```


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

```
.border{ border-color:rgb(254, 130, 0) }
```

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

Here you see how a box with a 4 pixel rgb(254, 130, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(254, 130,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 152.2560, -75.0622, 89.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 130, 0) }
```

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

```
.background{ background-color: rgb(254,  
130, 0) }
```

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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