

Converting Colors

YUV(135.2870, -65.2175,
104.9883)

Have a look what the booklet for
YUV(135.2870, -65.2175, 104.9883)
contains.

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Color

**YUV(135.2870, -65.2175,
104.9883)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6403
RGB	255, 100, 3
RGB Percent	100%, 39%, 1%
CMY	0.0000, 0.6078, 0.9882
CMYK	0.00, 0.61, 0.99, 0.00
HSL	23°, 100%, 51%
HSV	23°, 99%, 100%
XYZ	45.8136, 30.3809, 3.5356
YIQ	135.2870, 123.5170, 2.6930

Conversions

Conversions Part 2

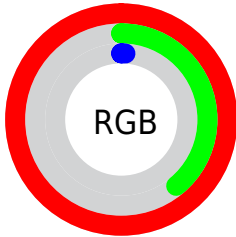
Format	Color
R_{YB}	255, 161, 3
Decimal	16737283
CIE _{Lab}	61.98, 55.91, 70.64
CIE _{LCh}	62, 90.089, 51.643
Yxy	30.3809, 0.5746, 0.3810
Android (android.graphics.Color)	4294927363 (0xFFFF6403)
YUV	135.2870, -65.2175, 104.9883
Hunter-Lab	55.1189, 51.9072, 34.7801

Details

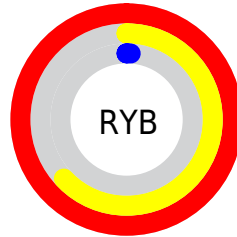
The YUV color **135.2870, -65.2175, 104.9883** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **122.7130, 65.2175, -104.9883**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0960, -52.3053, 70.0758**, and **81.4640, -40.1618, 95.1861** is the 20% darker color. If you saturate the color by 10%, you get **133.7710, -65.9491, 106.3178**, and if you desaturate by 10%, it is **147.5290, -58.9278, 94.2521**.

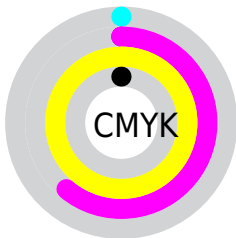
Distribution



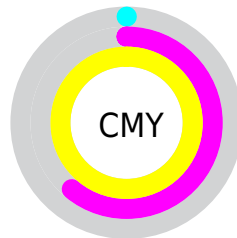
- Red (100%)
- Green (39%)
- Blue (1%)



- Red (100%)
- Yellow (63%)
- Blue (1%)



- Cyan (0%)
- Magenta (61%)
- Yellow (99%)
- Black (0%)



- Cyan (0%)
- Magenta (61%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2870, -65.2175, 104.9883 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 135.2870, -65.2175, 104.9883 by changing the saturation by 10% instead.

135.2870,
-65.2175, 104.9883

135.2870,
-65.2175, 104.9883

255.0000, 0.0000,
0.0000

108.6420,
-53.5605, 99.4150

175.0960,
-52.3053, 70.0758

81.4640, -40.1618,
95.1861

195.1970,
-48.9041, 52.4472

46.9430, -23.1429,
96.5200

215.2980,
-45.5029, 34.8187

37.6740, -18.5733,
77.4619

235.3990,
-42.1017, 17.1901

28.4050, -14.0037,
58.4038

246.2220,
-33.6334, 7.6983


19.9620, -8.8553,
40.3753

249.5280,


10.5790, -4.7224,


-20.9663, 4.7989


21.4172

 252.8340, -8.2992,
1.8996


 0.0000, 0.0000,
0.0000


 135.2870,
-65.2175, 104.9883

 135.2870,
-65.2175, 104.9883


 133.7710,
-65.9491, 106.3178

 147.5290,
-58.9278, 94.2521

 159.2980,
-51.9119, 83.9307

 171.6540,
-45.1854, 73.0944

 183.8960,
-38.8957, 62.3582

 195.6650,
-31.8798, 52.0368

■ 207.9070,
-25.5902, 41.3006

■ 220.1490,
-19.3005, 30.5643

■ 231.9180,
-12.2846, 20.2429

■ 244.2740, -5.5581,
9.4067

Harmonies

Analogous

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



116.0660, -9.3995, 121.8451



135.2870, -65.2175, 104.9883



141.3930, -69.7067, 51.3983

Triad

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



135.2870, -65.2175, 104.9883



120.9700, 1.4938, -106.0907



133.0880, 60.1026, -50.9432

Complementary

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



135.2870, -65.2175, 104.9883



122.7130, 65.2175, -104.9883

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.



127.0990, 63.0552, -111.4658



135.2870, -65.2175, 104.9883



131.6060, 37.1692, -115.4185

Square

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



135.2870, -65.2175, 104.9883



107.1880, -36.0817, -94.0039



134.7300, 59.2931, -118.1582



149.7570, 49.4198, 62.4801

Rectangle

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



135.2870, -65.2175, 104.9883



137.3190, -67.6983, 13.7522



134.7300, 59.2931, -118.1582



117.1200, 67.9748, -102.7142

Sweetspot

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



135.2870, -65.2175, 104.9883



218.7470, -19.5953, 31.7939



96.0180, 30.5571, 139.4272



105.7330, -11.7004, 19.5282



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.



135.2870, -65.2175, 104.9883



133.7710, -65.9491, 106.3178



209.2490, -101.6808, 40.1236



121.8220, -3.3632, 5.4181



100.5470, -49.5697, 79.3273



33.8110, -16.6688, 26.4758

Inverse Universe

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



122.7130, 65.2175, -104.9883



121.2290, 65.9491, -106.3178



48.7510, 101.6808, -40.1236



121.1780, 3.3632, -5.4181



91.0400, 49.2803, -79.8421



30.1890, 16.6688, -26.4758

Previews

White Background



This preview shows how the YUV color 135.2870, -65.2175, 104.9883 looks on a white background.

Color Contrast Check

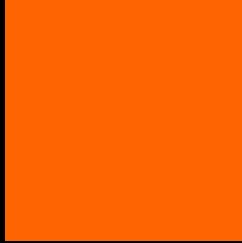
Large Text (above 18pt) WCAG AA × Fail

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 135.2870, -65.2175, 104.9883 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 135.2870, -65.2175, 104.9883 Background



This preview shows how black text looks on a background with the YUV color 135.2870, -65.2175, 104.9883.



This preview shows how white text looks on a background with the YUV color 135.2870, -65.2175, 104.9883.

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

135.2870, -65.2175, 104.9883

Protanopia

142.0180, -57.6899, 23.6632

Tritanopia

143.4100, -21.4011, 97.8644

Trichromacy



Original Color

135.2870, -65.2175, 104.9883

Protanomaly

139.2220, -60.2554, 53.3023

Tritanomaly

140.5940, -37.2678, 100.3341

Monochromacy



Original Color

135.2870, -65.2175, 104.9883

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0530, -23.6901, 38.5415

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2870, -65.2175, 104.9883 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(255, 100, 3)` looks like.

```
.text, #text, p{  
    color:rgb(255, 100, 3)  
}
```

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(255, 100, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 100, 3) }
```

Border

The CSS property to change the border of an element to YUV 135.2870, -65.2175, 104.9883 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(255, 100, 3) }
```

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

```
.border{ border-color:rgb(255, 100, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 100, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 100, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 100, 3);  
box-shadow:4px 4px 4px 4px rgb(255, 100,  
3) }
```


Background

The CSS property to change the background color of an element to YUV 135.2870, -65.2175, 104.9883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 100, 3) }
```

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

```
.background{ background-color: rgb(255,  
100, 3) }
```

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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