

Converting Colors

YUV(132.6230, -64.8901,
93.2926)

Have a look what the booklet for
YUV(132.6230, -64.8901, 93.2926)
contains.

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Color

**YUV(132.6230, -64.8901,
93.2926)**

Conversions

Conversions Part 1

Format	Color
Hex	EF6801
RGB	239, 104, 1
RGB Percent	94%, 41%, 0%
CMY	0.0627, 0.5922, 0.9961
CMYK	0.00, 0.56, 1.00, 0.06
HSL	26°, 99%, 47%
HSV	26°, 100%, 94%
XYZ	40.5524, 28.2535, 3.3448
YIQ	132.6230, 113.5230, -3.4130

Conversions

Conversions Part 2

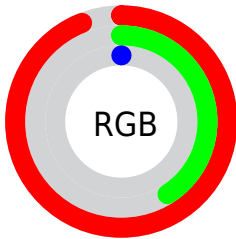
Format	Color
R_{YB}	239, 183, 1
Decimal	15689729
CIE _{Lab}	60.12, 48.32, 68.60
CIE _{LCh}	60, 83.909, 54.839
Yxy	28.2535, 0.5621, 0.3916
Android (android.graphics.Color)	4293879809 (0xFFEF6801)
YUV	132.6230, -64.8901, 93.2926
Hunter-Lab	53.1541, 43.1619, 33.4769

Details

The YUV color **132.6230, -64.8901, 93.2926** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **107.3770, 64.8901, -93.2926**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7430, -53.6103, 68.6314**, and **81.6750, -40.2658, 81.8460** is the 20% darker color. If you saturate the color by 10%, you get **131.9220, -65.0375, 93.9074**, and if you desaturate by 10%, it is **143.5770, -58.4585, 83.6860**.

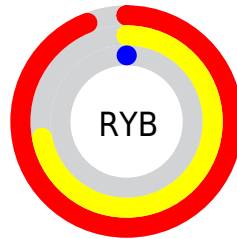
Distribution



Red (94%)

Green (41%)

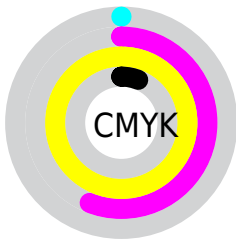
Blue (0%)



Red (94%)

Yellow (72%)

Blue (0%)

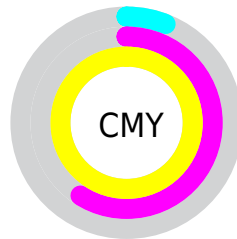


Cyan (0%)

Magenta (56%)

Yellow (100%)

Black (6%)



Cyan (6%)


Magenta (59%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6230, -64.8901, 93.2926 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 132.6230, -64.8901, 93.2926 by changing the saturation by 10% instead.


 132.6230,
-64.8901, 93.2926


 132.6230,
-64.8901, 93.2926


255.0000, 0.0000,
0.0000


 107.0920,
-52.7964, 87.6193


 176.7430,
-53.6103, 68.6314


 81.6750, -40.2658,
81.8460


 196.2570,
-49.9197, 51.5176


 53.9100, -26.5776,
78.1319


 216.3580,
-46.5185, 33.8890

 33.4880, -16.5096,
68.8550

 236.4590,
-43.1173, 16.2605

 24.5180, -12.0874,
50.4117

 246.1080,
-34.0702, 7.7983

 16.9720, -7.3812,
34.2276

 249.3000,


 4.1860, -2.0637,


-21.8399, 4.9989


8.6069


 252.6060, -9.1728,
2.0995

 0.0000, 0.0000,
0.0000

 132.6230,
-64.8901, 93.2926


 132.6230,
-64.8901, 93.2926


 131.9220,
-65.0375, 93.9074

 143.5770,
-58.4585, 83.6860

 153.9440,
-51.7374, 74.5941

 164.8980,
-45.3057, 64.9875

 175.2650,
-38.5846, 55.8956

 186.1050,
-32.5898, 46.3889

■ 196.4720,
-25.8687, 37.2971

■ 207.4260,
-19.4370, 27.6904

■ 217.7930,
-12.7159, 18.5985

■ 228.7470, -6.2843,
8.9919

Harmonies

Analogous

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



122.6710, -17.0928, 116.0525



132.6230, -64.8901, 93.2926



136.0330, -67.0643, 43.8211

Triad

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



132.6230, -64.8901, 93.2926



118.0180, 5.4141, -103.5018



137.3620, 57.9955, -28.3815

Complementary

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



132.6230, -64.8901, 93.2926



107.3770, 64.8901, -93.2926

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.



121.8160, 65.6597, -106.8326



132.6230, -64.8901, 93.2926



127.2690, 38.3214, -111.6149

Square

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



132.6230, -64.8901, 93.2926



105.4900, -27.3566, -92.5147



130.0340, 61.6082, -114.0398



144.6450, 42.5730, 65.2093

Rectangle

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



132.6230, -64.8901, 93.2926



131.9700, -65.0612, 7.9193



130.0340, 61.6082, -114.0398



112.4240, 70.2900, -98.5958

Sweetspot

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



132.6230, -64.8901, 93.2926



221.0950, -20.7528, 29.7347



88.0080, 25.6321, 132.4200



106.9070, -12.2792, 18.4986



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.



132.6230, -64.8901, 93.2926



140.8150, -69.4218, 100.1402



200.1280, -98.1701, 34.0907



114.5230, -3.2158, 4.8033



101.3890, -49.9848, 72.4498



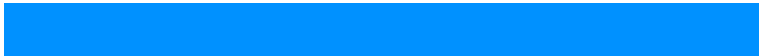
30.8320, -15.2002, 22.0723

Inverse Universe

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



107.3770, 64.8901, -93.2926



114.1850, 69.4218, -100.1402



39.8720, 98.1701, -34.0907



113.4770, 3.2158, -4.8033



82.0240, 50.2742, -71.9350



25.1680, 15.2002, -22.0723

Previews

White Background



This preview shows how the YUV color 132.6230, -64.8901, 93.2926 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 132.6230, -64.8901, 93.2926 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 132.6230, -64.8901, 93.2926

Background



This preview shows how black text looks on a background with the YUV color 132.6230, -64.8901, 93.2926.



This preview shows how white text looks on a background with the YUV color 132.6230, -64.8901, 93.2926.

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

132.6230, -64.8901, 93.2926

Protanopia

137.3600, -56.3795, 23.3633

Deuteranopia

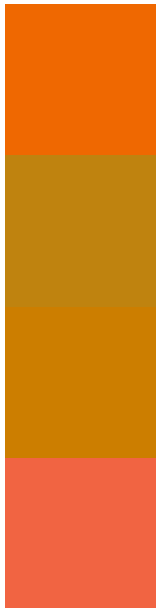
136.0220, -67.0588, 42.0767



Tritanopia

141.0390, -18.7532, 88.5428

Trichromacy



Original Color

132.6230, -64.8901, 93.2926

Protanomaly

135.7160, -59.5130, 48.4841

Deuteranomaly

134.9580, -66.5343, 60.5498

Tritanomaly

138.2830, -35.6355, 90.0828

Monochromacy



Original Color

132.6230, -64.8901, 93.2926

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7320, -23.5319, 34.4380

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6230, -64.8901, 93.2926 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(239, 104, 1)` looks like.

```
.text, #text, p{  
    color:rgb(239, 104, 1)  
}
```

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(239, 104, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 104, 1) }
```

Border

The CSS property to change the border of an element to YUV 132.6230, -64.8901, 93.2926 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(239, 104, 1) }
```


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

```
.border{ border-color:rgb(239, 104, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 104, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 104, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 104, 1);  
box-shadow:4px 4px 4px 4px rgb(239, 104,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 132.6230, -64.8901, 93.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 104, 1) }
```

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

```
.background{ background-color: rgb(239,  
104, 1) }
```

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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