

Converting Colors

YUV(129.5630, -63.8746,
94.2222)

Have a look what the booklet for
YUV(129.5630, -63.8746, 94.2222)
contains.

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Color

**YUV(129.5630, -63.8746,
94.2222)**

Conversions

Conversions Part 1

Format	Color
Hex	ED6400
RGB	237, 100, 0
RGB Percent	93%, 39%, 0%
CMY	0.0706, 0.6078, 1.0000
CMYK	0.00, 0.58, 1.00, 0.07
HSL	25°, 100%, 46%
HSV	25°, 100%, 93%
XYZ	39.4822, 27.1189, 3.1535
YIQ	129.5630, 113.7520, -2.0560

Conversions

Conversions Part 2

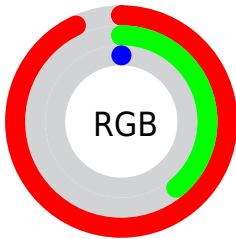
Format	Color
RYB	237, 173, 0
Decimal	15557632
CIELab	59.08, 49.43, 68.04
CIElCh	59, 84.097, 53.999
Yxy	27.1189, 0.5660, 0.3888
Android (android.graphics.Color)	4293747712 (0xFFED6400)
YUV	129.5630, -63.8746, 94.2222
Hunter-Lab	52.0758, 44.2005, 32.8627

Details

The YUV color **129.5630, -63.8746, 94.2222** 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 **107.4370, 63.8746, -94.2222**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2810, -52.8895, 70.7906**, and **78.7290, -38.8134, 82.6757** is the 20% darker color. If you saturate the color by 10%, you get **129.5630, -63.8746, 94.2222**, and if you desaturate by 10%, it is **140.5170, -57.4429, 84.6156**.

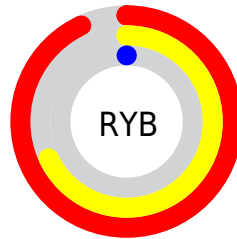
Distribution



Red (93%)

Green (39%)

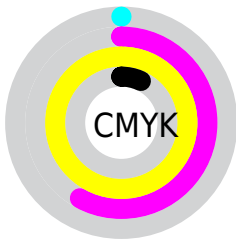
Blue (0%)



Red (93%)

Yellow (68%)

Blue (0%)

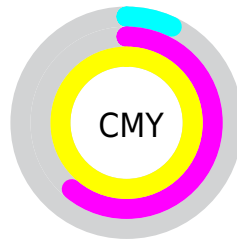


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.5630, -63.8746, 94.2222 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 129.5630, -63.8746, 94.2222 by changing the saturation by 10% instead.

129.5630,
-63.8746, 94.2222

129.5630,
-63.8746, 94.2222

255.0000, 0.0000,
0.0000

104.1460,
-51.3440, 88.4490

174.2810,
-52.8895, 70.7906

78.7290, -38.8134,
82.6757

193.6810,
-49.6357, 53.7768

48.6160, -23.9677,
81.0208

213.7820,
-46.2345, 36.1482

32.8900, -16.2148,
67.6255

233.8830,
-42.8333, 18.5196

23.9200, -11.7926,
49.1822

245.8800,
-34.9438, 7.9982


16.3740, -7.0864,
32.9980

249.0720,

1.7940, -0.8844,


-22.7135, 5.1989

3.6887

 252.3780,
-10.0464, 2.2995


 0.0000, 0.0000,
0.0000


 129.5630,
-63.8746, 94.2222

 140.5170,
-57.4429, 84.6156

 150.7700,
-51.1586, 75.6237

 161.7240,
-44.7269, 66.0171

 172.6780,
-38.2953, 56.4104

 182.9310,
-32.0110, 47.4185

■ 193.8850,
-25.5793, 37.8119

■ 204.8390,
-19.1476, 28.2052

■ 215.7930,
-12.7159, 18.5985

■ 226.0460, -6.4317,
9.6067

Harmonies

Analogous

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



119.6220, -16.0826, 118.7265



129.5630, -63.8746, 94.2222



133.6740, -65.9013, 44.1359

Triad

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



129.5630, -63.8746, 94.2222



115.6870, 4.0983, -101.4575



133.4970, 59.9010, -32.8849

Complementary

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



129.5630, -63.8746, 94.2222



107.4370, 63.8746, -94.2222

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.



120.6420, 66.2385, -105.8030



129.5630, -63.8746, 94.2222



125.0520, 37.4424, -109.6706

Square

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



129.5630, -63.8746, 94.2222



103.0450, -29.1092, -90.3705



128.8600, 62.1870, -113.0102



141.8620, 43.4520, 63.2650

Rectangle

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



129.5630, -63.8746, 94.2222



129.9100, -64.0456, 8.8489



128.8600, 62.1870, -113.0102



111.2500, 70.8688, -97.5662

Sweetspot

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



129.5630, -63.8746, 94.2222



220.5080, -20.4634, 30.2495



86.5950, 25.3427, 131.9052



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.



129.5630, -63.8746, 94.2222



139.6410, -68.8430, 101.1698



198.2420, -97.7333, 33.9908



112.2240, -3.0684, 4.1886



98.7310, -48.6744, 72.1499



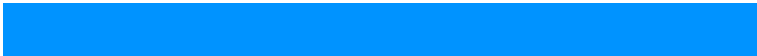
29.6470, -14.6160, 21.3576

Inverse Universe

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



107.4370, 63.8746, -94.2222



115.3590, 68.8430, -101.1698



38.7580, 97.7333, -33.9908



110.7760, 3.0684, -4.1886



82.2690, 48.6744, -72.1499



24.3530, 14.6160, -21.3576

Previews

White Background



This preview shows how the YUV color 129.5630, -63.8746, 94.2222 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 129.5630, -63.8746, 94.2222 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 129.5630, -63.8746, 94.2222

Background



This preview shows how black text looks on a background with the YUV color 129.5630, -63.8746, 94.2222.



This preview shows how white text looks on a background with the YUV color 129.5630, -63.8746, 94.2222.

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



Protanopia

134.7020, -55.0691, 23.0633

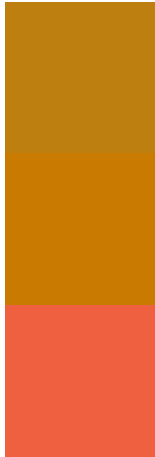
Deuteranopia

133.0650, -65.6010, 41.1620

Tritanopia

137.3380, -18.9006, 89.1576

Trichromacy



Protanomaly

132.7700, -58.0606, 49.3137

Deuteranomaly

131.7130, -64.9345, 60.7647

Tritanomaly

134.6960, -35.3461, 90.5976

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8460, -23.0951, 34.3381

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.5630, -63.8746, 94.2222 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(237, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(237, 100, 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(237, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 100, 0) }
```

Border

The CSS property to change the border of an element to YUV 129.5630, -63.8746, 94.2222 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(237, 100, 0) }
```

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

```
.border{ border-color:rgb(237, 100, 0) }
```

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

Here you see how a box with a 4 pixel rgb(237, 100, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(237, 100,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 129.5630, -63.8746, 94.2222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 100, 0) }
```

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

```
.background{ background-color: rgb(237,  
100, 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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