

Converting Colors

YUV(149.9590, -64.5628,
81.5970)

Have a look what the booklet for
YUV(149.9590, -64.5628, 81.5970)
contains.

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Color

**YUV(149.9590, -64.5628,
81.5970)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F38013 |
| RGB | 243, 128, 19 |
| RGB Percent | 95%, 50%, 7% |
| CMY | 0.0471, 0.4980, 0.9255 |
| CMYK | 0.00, 0.47, 0.92, 0.05 |
| HSL | 29°, 90%, 51% |
| HSV | 29°, 92%, 95% |
| XYZ | 44.7989, 34.5400, 4.9218 |
| YIQ | 149.9590, 103.5290, -9.5190 |

Conversions

Conversions Part 2

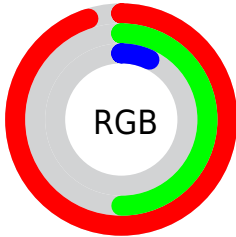
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 243, 231, 19 |
| Decimal | 15958035 |
| CIE Lab | 65.39, 38.30, 69.08 |
| CIE LCh | 65, 78.989, 60.994 |
| Yxy | 34.5400, 0.5317, 0.4099 |
| Android (android.graphics.Color) | 4294148115 (0xFFFF38013) |
| YUV | 149.9590, -64.5628, 81.5970 |
| Hunter-Lab | 58.7708, 33.2153, 36.1742 |

Details

The YUV color **149.9590, -64.5628, 81.5970** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **112.0410, 64.5628, -81.5970**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1990, -55.3141, 55.0765**, and **99.0190, -48.8164, 71.0203** is the 20% darker color. If you saturate the color by 10%, you get **141.9230, -69.9680, 88.6445**, and if you desaturate by 10%, it is **159.7390, -57.5523, 73.0199**.

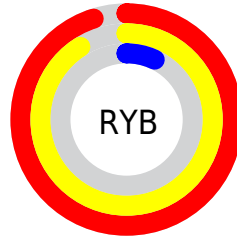
Distribution



Red (95%)

Green (50%)

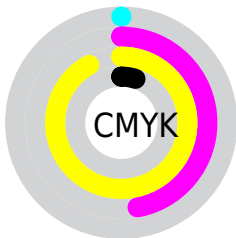
Blue (7%)



Red (95%)

Yellow (91%)

Blue (7%)

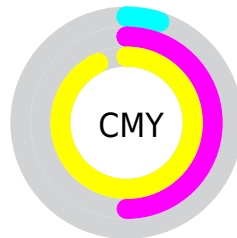


Cyan (0%)

Magenta (47%)

Yellow (92%)

Black (5%)



Cyan (5%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.9590, -64.5628, 81.5970 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 149.9590, -64.5628, 81.5970 by changing the saturation by 10% instead.


 149.9590,
-64.5628, 81.5970


 149.9590,
-64.5628, 81.5970


255.0000, 0.0000,
0.0000


 122.9630,
-60.6208, 77.2084


 192.1990,
-55.3141, 55.0765


 99.0190, -48.8164,
71.0203


 211.7130,
-51.6235, 37.9627

 75.0750, -37.0120,
64.8322


 231.8140,
-48.2223, 20.3341

 50.5440, -24.9182,
59.1589

 244.2840,
-41.0590, 9.3979

 26.3120, -12.9718,
54.1004

 247.5900,
-28.3919, 6.4986

 17.9400, -8.8444,
36.8866

 250.7820,

 9.6820, -4.2802,

-16.1615, 3.6992

19.5729

254.2020, -3.0576,
0.6998

0.0000, 0.0000,
0.0000

149.9590,
-64.5628, 81.5970

149.9590,
-64.5628, 81.5970

141.9230,
-69.9680, 88.6445

159.7390,
-57.5523, 73.0199

170.2200,
-50.3945, 63.8281

180.0000,
-43.3840, 55.2510

190.3670,
-36.6629, 46.1591

200.1470,
-29.6525, 37.5821

■ 210.6280,
-22.4946, 28.3902

■ 220.4080,
-15.4841, 19.8132

■ 230.7750, -8.7631,
10.7213

■ 240.6690, -1.3158,
2.0443

Harmonies

Analogous

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



142.2700, -25.7691, 98.8642



149.9590, -64.5628, 81.5970



148.3710, -73.1469, 34.7546

Triad

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



149.9590, -64.5628, 81.5970



129.6560, 14.4666, -113.7083



157.6060, 48.0152, -0.5315

Complementary

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



149.9590, -64.5628, 81.5970



112.0410, 64.5628, -81.5970

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



149.9590, -64.5628, 81.5970



137.7500, 45.4793, -120.8067

Square

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



149.9590, -64.5628, 81.5970



118.8720, -16.6989, -104.2507



136.4910, 58.4249, -119.7026



159.5230, 34.2522, 74.0863

Rectangle

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



149.9590, -64.5628, 81.5970



142.5470, -70.2757, 0.3973



136.4910, 58.4249, -119.7026



148.5260, 52.4917, -36.4183

Sweetspot

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



149.9590, -64.5628, 81.5970



225.1870, -20.3052, 26.1460



99.2000, 17.6494, 126.1126



109.4830, -12.5631, 16.2394



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.



149.9590, -64.5628, 81.5970



149.0330, -73.4733, 92.9331



215.1160, -96.6852, 24.4543



117.1100, -3.5052, 4.2885



109.0310, -53.7523, 67.5018



34.6640, -17.0894, 21.3427

Inverse Universe

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



112.0410, 64.5628, -81.5970



105.9670, 73.4733, -92.9331



46.8840, 96.6852, -24.4543



114.8900, 3.5052, -4.2885



77.5560, 53.4629, -68.0166



24.3360, 17.0894, -21.3427

Previews

White Background



This preview shows how the YUV color 149.9590, -64.5628, 81.5970 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 149.9590, -64.5628, 81.5970 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 149.9590, -64.5628, 81.5970

Background



This preview shows how black text looks on a background with the YUV color 149.9590, -64.5628, 81.5970.



This preview shows how white text looks on a background with the YUV color 149.9590, -64.5628, 81.5970.

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

149.9590, -64.5628, 81.5970

Protanopia

150.7470, -60.0213, 24.7779

Deuteranopia

148.7360, -73.3268, 45.8355



Tritanopia

158.1840, -15.3737, 77.8916

Trichromacy



Original Color

149.9590, -64.5628, 81.5970

Protanomaly

150.1240, -61.6861, 45.4953

Deuteranomaly

149.3230, -70.1652, 58.4757

Tritanomaly

155.2000, -33.1296, 79.6316

Monochromacy



Original Color

149.9590, -64.5628, 81.5970

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.9980, -23.6630, 29.8198

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9590, -64.5628, 81.5970 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(243, 128, 19)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 19)  
}
```

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(243, 128, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 19) }
```

Border

The CSS property to change the border of an element to YUV 149.9590, -64.5628, 81.5970 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(243, 128, 19) }
```


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

```
.border{ border-color:rgb(243, 128, 19) }
```

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

Here you see how a box with a 4 pixel rgb(243, 128, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 19);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 149.9590, -64.5628, 81.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 19) }
```

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

```
.background{ background-color: rgb(243,  
128, 19) }
```

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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