

Converting Colors

YUV(124.0100, -48.3189,
98.2152)

Have a look what the booklet for
YUV(124.0100, -48.3189, 98.2152)
contains.

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Color

**YUV(124.0100, -48.3189,
98.2152)**

Conversions

Conversions Part 1

Format	Color
Hex	EC561A
RGB	236, 86, 26
RGB Percent	93%, 34%, 10%
CMY	0.0745, 0.6627, 0.8980
CMYK	0.00, 0.64, 0.89, 0.07
HSL	17°, 85%, 51%
HSV	17°, 89%, 93%
XYZ	38.1063, 24.5630, 3.7100
YIQ	124.0100, 108.6600, 13.1400

Conversions

Conversions Part 2

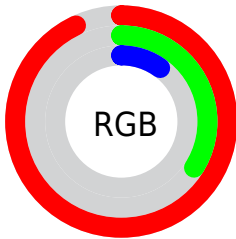
Format	Color
RYB	236, 110, 26
Decimal	15488538
CIELab	56.65, 55.55, 60.42
CIELCh	57, 82.073, 47.402
Yxy	24.5630, 0.5741, 0.3700
Android (android.graphics.Color)	4293678618 (0xFFEC561A)
YUV	124.0100, -48.3189, 98.2152
Hunter-Lab	49.5611, 50.5123, 30.2545

Details

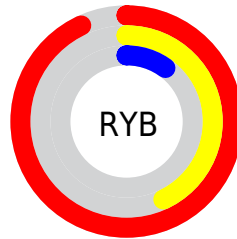
The YUV color **124.0100, -48.3189, 98.2152** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **137.9900, 48.3189, -98.2152**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9040, -44.3227, 76.3832**, and **65.5160, -32.2994, 93.3865** is the 20% darker color. If you saturate the color by 10%, you get **111.2950, -53.8824, 109.3663**, and if you desaturate by 10%, it is **136.7250, -42.7554, 87.0642**.

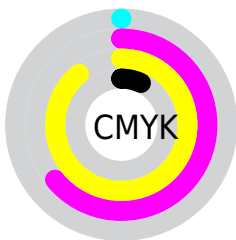
Distribution



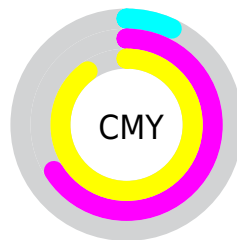
- Red (93%)
- Green (34%)
- Blue (10%)



- Red (93%)
- Yellow (43%)
- Blue (10%)



- Cyan (0%)
- Magenta (64%)
- Yellow (89%)
- Black (7%)





- Cyan (7%)
- Magenta (66%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 124.0100, -48.3189, 98.2152 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 124.0100, -48.3189, 98.2152 by changing the saturation by 10% instead.


 124.0100,
-48.3189, 98.2152

 124.0100,
-48.3189, 98.2152


255.0000, 0.0000,
0.0000


 95.0420, -46.8557,
95.5562


 167.9040,
-44.3227, 76.3832


 65.5160, -32.2994,
93.3865


 187.3040,
-41.0689, 59.3694

 41.8600, -20.6370,
86.0688


 207.2910,
-38.1045, 41.8408

 32.5910, -16.0674,
67.0107

 227.3920,
-34.7033, 24.2122

 23.6210, -11.6452,
48.5674

 247.0200,
-30.5759, 6.9985

 15.4770, -6.6442,
31.1537

 250.2120,

 0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

124.0100,
-48.3189, 98.2152

124.0100,
-48.3189, 98.2152

111.2950,
-53.8824, 109.3663

136.7250,
-42.7554, 87.0642

109.8930,
-54.1772, 110.5958

149.3260,
-37.6287, 76.0131

162.0410,
-32.0652, 64.8620

174.0550,
-26.6491, 54.3258

186.7700,
-21.0856, 43.1747

199.4850,
-15.5221, 32.0237

212.0860,
-10.3954, 20.9726

224.8010, -4.8319,
9.8215

237.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



112.6580, -7.2264, 124.8339



124.0100, -48.3189, 98.2152



128.1250, -63.1656, 53.3874

Triad

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



124.0100, -48.3189, 98.2152



108.4830, -3.1961, -95.1396



105.3800, 73.7627, -92.4183

Complementary

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



124.0100, -48.3189, 98.2152



137.9900, 48.3189, -98.2152

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.



118.8810, 67.1067, -104.2586



124.0100, -48.3189, 98.2152



118.2070, 28.9849, -103.6675

Square

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



124.0100, -48.3189, 98.2152



94.6840, -38.2982, -83.0379



123.7420, 57.8082, -108.5217



137.4790, 47.5849, 44.3069

Rectangle

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



124.0100, -48.3189, 98.2152



126.1440, -62.1890, 20.0447



123.7420, 57.8082, -108.5217



111.2500, 70.8688, -97.5662

Sweetspot

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



124.0100, -48.3189, 98.2152



218.3710, -15.9589, 32.1236



106.0040, 35.0010, 114.0065



105.7160, -9.2270, 19.5431



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.



124.0100, -48.3189, 98.2152



119.0960, -58.7143, 119.1878



185.6450, -78.7050, 44.1613



111.0500, -2.4896, 5.2182



84.6430, -41.7290, 84.5051



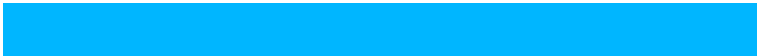
24.9510, -12.3008, 25.4760

Inverse Universe

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



137.9900, 48.3189, -98.2152



135.9040, 58.7143, -119.1878



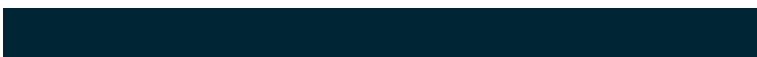
76.9420, 78.4156, -44.6761



111.9500, 2.4897, -5.2181



96.3570, 41.7290, -84.5051



28.4620, 12.5902, -24.9612

Previews

White Background



This preview shows how the YUV color 124.0100, -48.3189, 98.2152 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 124.0100, -48.3189, 98.2152 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 124.0100, -48.3189, 98.2152 Background



This preview shows how black text looks on a background with the YUV color 124.0100, -48.3189, 98.2152.



This preview shows how white text looks on a background with the YUV color 124.0100, -48.3189, 98.2152.

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

124.0100, -48.3189, 98.2152

Protanopia

130.6120, -45.1647, 19.6343

Deuteranopia

127.1510, -62.6854, 39.3326



Tritanopia

127.8120, -21.1063, 96.6349

Trichromacy



Original Color

124.0100, -48.3189, 98.2152

Protanomaly

127.8590, -46.2725, 48.3587

Deuteranomaly

125.6620, -57.5144, 60.8094

Tritanomaly

126.2930, -30.7104, 97.0900

Monochromacy



Original Color

124.0100, -48.3189, 98.2152

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9370, -17.7169, 36.0123

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.0100, -48.3189, 98.2152 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(236, 86, 26)` looks like.

```
.text, #text, p{  
    color:rgb(236, 86, 26)  
}
```

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(236, 86, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 86, 26) }
```

Border

The CSS property to change the border of an element to YUV 124.0100, -48.3189, 98.2152 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(236, 86, 26) }
```


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

```
.border{ border-color:rgb(236, 86, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 86, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 86, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 86, 26);  
box-shadow:4px 4px 4px 4px rgb(236, 86,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 124.0100, -48.3189, 98.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 86, 26) }
```

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

```
.background{ background-color: rgb(236, 86,  
26) }
```

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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