

Converting Colors

YUV(150.9450, -56.6679,
69.3312)

Have a look what the booklet for
YUV(150.9450, -56.6679, 69.3312)
contains.

YUV(150.9450, -56.6679, 69.3312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(150.9450, -56.6679,
69.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	E68524
RGB	230, 133, 36
RGB Percent	90%, 52%, 14%
CMY	0.0980, 0.4784, 0.8588
CMYK	0.00, 0.42, 0.84, 0.10
HSL	30°, 80%, 52%
HSV	30°, 84%, 90%
XYZ	41.3391, 33.7254, 5.9999
YIQ	150.9450, 88.9490, -9.6030

Conversions

Conversions Part 2

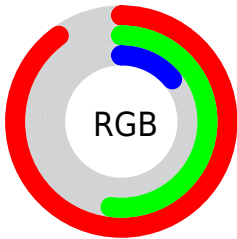
Format	Color
R_{YB}	230, 230, 36
Decimal	15107364
CIE _{Lab}	64.74, 30.80, 63.11
CIE _{LCh}	65, 70.220, 63.988
Yxy	33.7254, 0.5100, 0.4160
Android (android.graphics.Color)	4293297444 (0xFFE68524)
YUV	150.9450, -56.6679, 69.3312
Hunter-Lab	58.0736, 25.4346, 34.5259

Details

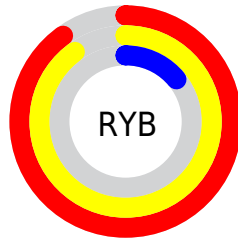
The YUV color **150.9450, -56.6679, 69.3312** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **115.0550, 56.6679, -69.3312**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3880, -51.9563, 51.4027**, and **98.3660, -48.4944, 61.0690** is the 20% darker color. If you saturate the color by 10%, you get **141.8660, -63.5309, 77.2935**, and if you desaturate by 10%, it is **160.6110, -50.0942, 60.8542**.

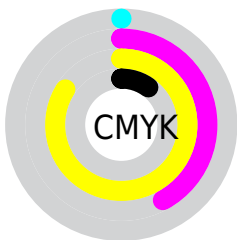
Distribution



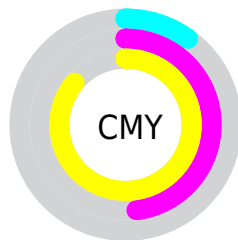
- Red (90%)
- Green (52%)
- Blue (14%)



- Red (90%)
- Yellow (90%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (84%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.9450, -56.6679, 69.3312 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 150.9450, -56.6679, 69.3312 by changing the saturation by 10% instead.

150.9450,
-56.6679, 69.3312

150.9450,
-56.6679, 69.3312

255.0000, 0.0000,
0.0000

122.3100,
-60.2988, 67.2571

196.3880,
-51.9563, 51.4027

98.3660, -48.4944,
61.0690

215.7880,
-48.7025, 34.3889

75.3080, -37.1268,
54.9809

235.3020,
-45.0119, 17.2751

52.8370, -26.0486,
48.3780

245.5380,
-36.2542, 8.2982

28.9040, -14.2497,
43.9342

248.7300,
-24.0239, 5.4988

15.5480, -7.6652,
31.9684

252.0360,

5.6810, -2.8007,

-11.3567, 2.5994

11.6808

■ 0.0000, 0.0000,
0.0000

■ 150.9450,
-56.6679, 69.3312

■ 150.9450,
-56.6679, 69.3312

■ 141.8660,
-63.5309, 77.2935

■ 160.6110,
-50.0942, 60.8542

■ 136.2750,
-67.1836, 82.1968

■ 169.6900,
-43.2312, 52.8919

■ 179.3560,
-36.6575, 44.4148

■ 188.4350,
-29.7945, 36.4525

■ 198.1010,
-23.2208, 27.9754

■ 207.1800,
-16.3577, 20.0131

■ 216.8460, -9.7841,
11.5361

■ 225.9250, -2.9210,
3.5738

■ 235.0040, 3.9420,
-4.3885

Harmonies

Analogous

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



148.7270, -28.9524, 93.2014



150.9450, -56.6679, 69.3312



145.9790, -71.9676, 29.8364

Triad

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



150.9450, -56.6679, 69.3312



127.8780, 17.8081, -112.1490



159.1340, 47.2619, 7.7755

Complementary

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



150.9450, -56.6679, 69.3312



115.0550, 56.6679, -69.3312

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.



124.1640, 64.5021, -108.8918



150.9450, -56.6679, 69.3312



134.3590, 45.1790, -117.8328

Square

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



150.9450, -56.6679, 69.3312



118.1200, -9.4262, -103.5912



133.5560, 59.8719, -117.1286



158.5520, 26.8429, 70.5529

Rectangle

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



150.9450, -56.6679, 69.3312



142.8160, -61.5343, -3.3466



133.5560, 59.8719, -117.1286



153.9410, 49.8221, -20.1193

Sweetspot

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



150.9450, -56.6679, 69.3312



228.9200, -18.6946, 22.8722



105.0640, 13.7724, 109.5689



111.8140, -11.2473, 14.1951



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.



150.9450, -56.6679, 69.3312



151.3810, -74.6308, 90.8739



207.8840, -84.7388, 19.3957



110.1100, -3.5052, 4.2885



105.7640, -52.1417, 64.2280



30.5110, -15.0419, 17.9689

Inverse Universe

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



115.0550, 56.6679, -69.3312



104.2060, 74.3414, -91.3887



58.1160, 84.7388, -19.3957



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



21.0760, 14.7525, -18.4837

Previews

White Background



This preview shows how the YUV color 150.9450, -56.6679, 69.3312 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 150.9450, -56.6679, 69.3312 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 150.9450, -56.6679, 69.3312

Background



This preview shows how black text looks on a background with the YUV color 150.9450, -56.6679, 69.3312.



This preview shows how white text looks on a background with the YUV color 150.9450, -56.6679, 69.3312.

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

150.9450, -56.6679, 69.3312

Protanopia

150.4570, -53.4693, 23.2782

Deuteranopia

150.0420, -60.6597, 42.9362



Tritanopia

158.2150, -12.4310, 67.3404

Trichromacy



Original Color

150.9450, -56.6679, 69.3312

Protanomaly

150.6270, -54.5391, 39.7921

Deuteranomaly

150.1510, -59.2344, 52.4876

Tritanomaly

155.3880, -28.2923, 68.0657

Monochromacy



Original Color

150.9450, -56.6679, 69.3312

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7740, -20.5946, 25.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.9450, -56.6679, 69.3312 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(230, 133, 36)` looks like.

```
.text, #text, p{  
    color:rgb(230, 133, 36)  
}
```

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(230, 133, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 133, 36) }
```

Border

The CSS property to change the border of an element to YUV 150.9450, -56.6679, 69.3312 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(230, 133, 36) }
```


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

```
.border{ border-color:rgb(230, 133, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 133, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 133, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 133, 36);  
box-shadow:4px 4px 4px 4px rgb(230, 133,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 150.9450, -56.6679, 69.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 133, 36) }
```

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

```
.background{ background-color: rgb(230,  
133, 36) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor