

Converting Colors

YUV(144.9320, -67.0145,
74.6046)

Have a look what the booklet for
YUV(144.9320, -67.0145, 74.6046)
contains.

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Color

**YUV(144.9320, -67.0145,
74.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	E68009
RGB	230, 128, 9
RGB Percent	90%, 50%, 4%
CMY	0.0980, 0.4980, 0.9647
CMYK	0.00, 0.44, 0.96, 0.10
HSL	32°, 92%, 47%
HSV	32°, 96%, 90%
XYZ	40.4016, 32.2811, 4.3599
YIQ	144.9320, 98.9910, -15.3850

Conversions

Conversions Part 2

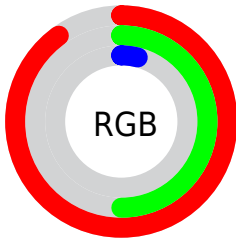
Format	Color
R_{YB}	198, 230, 9
Decimal	15106057
CIE _{Lab}	63.57, 32.95, 68.77
CIE _{LCh}	64, 76.260, 64.400
Yxy	32.2811, 0.5244, 0.4190
Android (android.graphics.Color)	4293296137 (0xFFE68009)
YUV	144.9320, -67.0145, 74.6046
Hunter-Lab	56.8164, 27.5009, 35.2218

Details

The YUV color **144.9320, -67.0145, 74.6046** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **94.0680, 67.0145, -74.6046**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6290, -57.4981, 55.5764**, and **95.1320, -46.9001, 63.0282** is the 20% darker color. If you saturate the color by 10%, you get **141.5580, -69.7881, 77.5636**, and if you desaturate by 10%, it is **154.0110, -60.1514, 66.6424**.

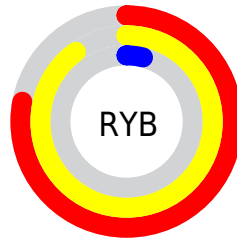
Distribution



Red (90%)

Green (50%)

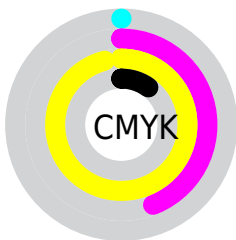
Blue (4%)



Red (78%)

Yellow (90%)

Blue (4%)

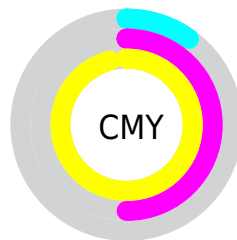


Cyan (0%)

Magenta (44%)

Yellow (96%)

Black (10%)



Cyan (10%)

Magenta (50%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.9320, -67.0145, 74.6046 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 144.9320, -67.0145, 74.6046 by changing the saturation by 10% instead.

144.9320,
-67.0145, 74.6046

144.9320,
-67.0145, 74.6046

255.0000, 0.0000,
0.0000

119.0760,
-58.7045, 69.2163

191.6290,
-57.4981, 55.5764

95.1320, -46.9001,
63.0282

210.5560,
-53.5181, 38.9774

72.0740, -35.5325,
56.9401

230.6570,
-50.1169, 21.3488

49.0160, -24.1649,
50.8520

243.8280,
-42.8062, 9.7978

24.4960, -12.0765,
46.9230

247.0200,
-30.5759, 6.9985

15.2490, -7.5178,
31.3536

250.2120,

3.8870, -1.9163,

-18.3455, 4.1991

7.9921

253.5180, -5.6784,
1.2997

0.0000, 0.0000,
0.0000

144.9320,
-67.0145, 74.6046

144.9320,
-67.0145, 74.6046

141.5580,
-69.7881, 77.5636

154.0110,
-60.1514, 66.6424

162.5030,
-52.9990, 59.1949

171.5820,
-46.1359, 51.2326

180.0740,
-38.9835, 43.7851

189.1530,
-32.1204, 35.8228

■ 198.2320,
-25.2574, 27.8605

■ 206.7240,
-18.1049, 20.4131

■ 215.8030,
-11.2419, 12.4508

■ 224.8820, -4.3788,
4.4885

Harmonies

Analogous

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



141.8310, -29.9897, 99.2492



144.9320, -67.0145, 74.6046



143.0220, -70.5098, 28.9217

Triad

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



144.9320, -67.0145, 74.6046



126.4760, 17.5133, -110.9195



155.3020, 49.1511, 8.5051

Complementary

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



144.9320, -67.0145, 74.6046



94.0680, 67.0145, -74.6046

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.



122.4030, 65.3703, -107.3474



144.9320, -67.0145, 74.6046



134.1140, 46.7788, -117.6180

Square

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



144.9320, -67.0145, 74.6046



116.7350, -12.1944, -102.3766



132.3820, 60.4507, -116.0990



153.6930, 29.7314, 77.4452

Rectangle

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



144.9320, -67.0145, 74.6046



137.1980, -67.6386, -5.4356



132.3820, 60.4507, -116.0990



148.6140, 52.4483, -22.4635

Sweetspot

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



144.9320, -67.0145, 74.6046



226.6060, -22.4838, 24.9015



86.8210, 12.4132, 125.5680



110.5430, -13.5787, 15.3098



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.



144.9320, -67.0145, 74.6046



156.6640, -77.2354, 86.2407



202.7130, -95.5005, 17.7917



110.1100, -3.5052, 4.2885



109.8730, -54.1674, 60.6244



31.0980, -15.3313, 17.4541

Inverse Universe

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



94.0680, 67.0145, -74.6046



98.3360, 77.2354, -86.2407



36.2870, 95.5005, -17.7917



107.8900, 3.5052, -4.2885



68.5400, 54.4568, -60.1096



19.9020, 15.3313, -17.4541

Previews

White Background



This preview shows how the YUV color 144.9320, -67.0145, 74.6046 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 144.9320, -67.0145, 74.6046 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 144.9320, -67.0145, 74.6046

Background



This preview shows how black text looks on a background with the YUV color 144.9320, -67.0145, 74.6046.



This preview shows how white text looks on a background with the YUV color 144.9320, -67.0145, 74.6046.

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

144.9320, -67.0145, 74.6046

Protanopia

145.4050, -61.3317, 25.0778

Deuteranopia

144.5940, -71.2848, 44.2061



Tritanopia

154.2970, -13.4574, 69.8995

Trichromacy



Original Color

144.9320, -67.0145, 74.6046

Protanomaly

145.0590, -63.1331, 42.9213

Deuteranomaly

144.7140, -69.8650, 55.5018

Tritanomaly

150.8570, -32.9605, 72.0394

Monochromacy



Original Color

144.9320, -67.0145, 74.6046

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.1610, -24.2364, 27.0458

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9320, -67.0145, 74.6046 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, 128, 9)` looks like.

```
.text, #text, p{  
    color:rgb(230, 128, 9)  
}
```

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, 128, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 128, 9) }
```

Border

The CSS property to change the border of an element to YUV 144.9320, -67.0145, 74.6046 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, 128, 9) }
```


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

```
.border{ border-color:rgb(230, 128, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 128, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 128, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 128, 9);  
box-shadow:4px 4px 4px 4px rgb(230, 128,  
9) }
```

Background

The CSS property to change the background color of an element to YUV 144.9320, -67.0145, 74.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 128, 9) }
```

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

```
.background{ background-color: rgb(230,  
128, 9) }
```

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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