

Converting Colors

YUV(134.7720, -40.8066,
68.6060)

Have a look what the booklet for
YUV(134.7720, -40.8066, 68.6060)
contains.

YUV(134.7720, -40.8066, 68.6060)	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(134.7720, -40.8066,
68.6060)**

Conversions

Conversions Part 1

Format	Color
Hex	D56F34
RGB	213, 111, 52
RGB Percent	84%, 44%, 20%
CMY	0.1647, 0.5647, 0.7961
CMYK	0.00, 0.48, 0.76, 0.16
HSL	22°, 66%, 52%
HSV	22°, 76%, 84%
XYZ	33.7448, 25.7629, 6.4430
YIQ	134.7720, 79.7310, 3.2750

Conversions

Conversions Part 2

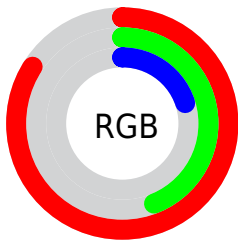
Format	Color
R _Y B	213, 145, 52
Decimal	13987636
CIE Lab	57.81, 35.89, 49.32
CIE LCh	58, 61.002, 53.957
Yxy	25.7629, 0.5117, 0.3906
Android (android.graphics.Color)	4292177716 (0xFFD56F34)
YUV	134.7720, -40.8066, 68.6060
Hunter-Lab	50.7572, 29.8468, 28.0039

Details

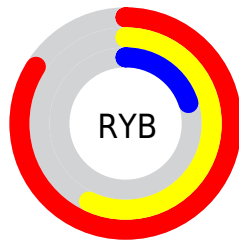
The YUV color **134.7720, -40.8066, 68.6060** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **130.2280, 40.8066, -68.6060**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.1410, -40.4955, 62.1433**, and **81.2550, -40.0587, 62.0434** is the 20% darker color. If you saturate the color by 10%, you get **124.7470, -46.2173, 77.3979**, and if you desaturate by 10%, it is **144.7970, -35.3959, 59.8140**.

Distribution



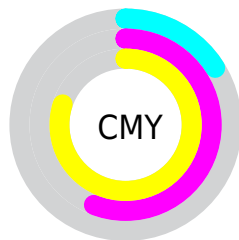
- Red (84%)
- Green (44%)
- Blue (20%)



- Red (84%)
- Yellow (57%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.7720, -40.8066, 68.6060 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 134.7720, -40.8066, 68.6060 by changing the saturation by 10% instead.

134.7720,
-40.8066, 68.6060

134.7720,
-40.8066, 68.6060

255.0000, 0.0000,
0.0000

107.9780,
-39.9222, 64.9173

184.1410,
-40.4955, 62.1433

81.2550, -40.0587,
62.0434

203.5410,
-37.2417, 45.1295

57.9090, -28.5491,
57.0848

222.9410,
-33.9879, 28.1157

32.5030, -16.0240,
53.0559

243.1560,
-30.1499, 10.3872

19.4350, -9.5815,
39.9605

249.8700,
-19.6559, 4.4990

12.0740, -5.4595,
24.4911

253.0620, -7.4256,

0.0000, 0.0000,

1.6996

0.0000

■ 134.7720,
-40.8066, 68.6060

■ 134.7720,
-40.8066, 68.6060

■ 124.7470,
-46.2173, 77.3979

■ 144.7970,
-35.3959, 59.8140

■ 114.0210,
-51.7754, 86.8046

■ 155.5230,
-29.8378, 50.4073

■ 109.4730,
-53.9702, 90.7932

■ 165.5480,
-24.4272, 41.6154

■ 176.1600,
-19.3059, 32.3087

■ 186.2990,
-13.4584, 23.4168

■ 196.9110, -8.3371,
14.1101

■ 206.9360, -2.9264,
5.3181

■ 217.5480, 2.1948,
-3.9886

■ 227.6870, 8.0423,
-12.8805

Harmonies

Analogous

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



134.6690, -17.5848, 87.1133



134.7720, -40.8066, 68.6060



131.9920, -58.1701, 37.7180

Triad

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



134.7720, -40.8066, 68.6060



110.0450, 7.8658, -96.5095



138.0230, 48.7957, -17.5602

Complementary

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



134.7720, -40.8066, 68.6060



130.2280, 40.8066, -68.6060

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.



114.8060, 64.1856, -100.6849



134.7720, -40.8066, 68.6060



116.9020, 31.6003, -102.5231

Square

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



134.7720, -40.8066, 68.6060



116.1920, -21.7867, -58.9274



118.8690, 51.8296, -104.2481



142.3700, 29.3976, 44.4025

Rectangle

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



134.7720, -40.8066, 68.6060



128.6960, -56.0521, 11.6676



118.8690, 51.8296, -104.2481



130.2580, 55.5818, -47.5843

Sweetspot

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



134.7720, -40.8066, 68.6060



226.5550, -15.0636, 24.9463



112.1090, 22.1313, 88.4814



110.3950, -9.0687, 15.4396



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.



134.7720, -40.8066, 68.6060



142.2630, -58.7967, 98.8703



180.5580, -63.3791, 28.4516



101.6370, -2.7790, 4.7034



88.1100, -43.4382, 72.6945



22.2490, -10.9688, 18.1986

Inverse Universe

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



130.2280, 40.8066, -68.6060



135.7370, 58.7967, -98.8703



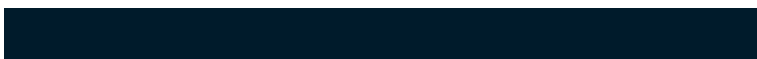
84.4420, 63.3791, -28.4516



101.3630, 2.7790, -4.7034



82.8900, 43.4382, -72.6945



20.7510, 10.9688, -18.1986

Previews

White Background



This preview shows how the YUV color 134.7720, -40.8066, 68.6060 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 134.7720, -40.8066, 68.6060 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 134.7720, -40.8066, 68.6060

Background



This preview shows how black text looks on a background with the YUV color 134.7720, -40.8066, 68.6060.



This preview shows how white text looks on a background with the YUV color 134.7720, -40.8066, 68.6060.

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

134.7720, -40.8066, 68.6060

Protanopia

135.3650, -37.1549, 17.2199

Deuteranopia

134.7540, -43.7557, 34.4187



Tritanopia

138.9870, -13.3046, 67.5404

Trichromacy



Original Color

134.7720, -40.8066, 68.6060

Protanomaly

134.8450, -38.3776, 36.0929

Deuteranomaly

134.4720, -42.6307, 46.9441

Tritanomaly

137.3540, -23.3455, 68.0955

Monochromacy



Original Color

134.7720, -40.8066, 68.6060

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.6690, -14.6268, 24.8463

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.7720, -40.8066, 68.6060 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(213, 111, 52)` looks like.

```
.text, #text, p{  
    color:rgb(213, 111, 52)  
}
```

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(213, 111, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 111, 52) }
```

Border

The CSS property to change the border of an element to YUV 134.7720, -40.8066, 68.6060 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(213, 111, 52) }
```


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

```
.border{ border-color:rgb(213, 111, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 111, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 111, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 111, 52);  
box-shadow:4px 4px 4px 4px rgb(213, 111,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 134.7720, -40.8066, 68.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 111, 52) }
```

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

```
.background{ background-color: rgb(213,  
111, 52) }
```

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