

Converting Colors

YUV(130.7760, -40.8086,
-24.3596)

Have a look what the booklet for
YUV(130.7760, -40.8086, -24.3596)
contains.

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Color

**YUV(130.7760, -40.8086,
-24.3596)**

Conversions

Conversions Part 1

Format	Color
Hex	67A130
RGB	103, 161, 48
RGB Percent	40%, 63%, 19%
CMY	0.5961, 0.3686, 0.8118
CMYK	0.36, 0.00, 0.70, 0.37
HSL	91°, 54%, 41%
HSV	91°, 70%, 63%
XYZ	18.8719, 28.5867, 7.3194
YIQ	130.7760, 1.7050, -47.4390

Conversions

Conversions Part 2

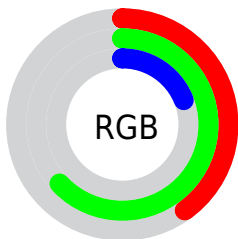
Format	Color
R_{YB}	48, 161, 106
Decimal	6791472
CIE _{Lab}	60.42, -37.68, 50.43
CIE _{LCh}	60, 62.952, 126.767
Yxy	28.5867, 0.3445, 0.5219
Android (android.graphics.Color)	4284981552 (0xFF67A130)
YUV	130.7760, -40.8086, -24.3596
Hunter-Lab	53.4665, -30.5619, 29.3099

Details

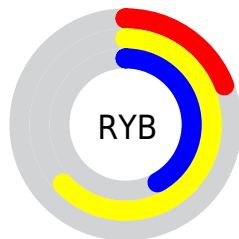
The YUV color **130.7760, -40.8086, -24.3596** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **78.2240, 40.8086, 24.3596**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5480, -41.6822, -24.1596**, and **78.3350, -38.6192, -26.6038** is the 20% darker color. If you saturate the color by 10%, you get **126.5600, -46.6181, -27.6781**, and if you desaturate by 10%, it is **134.9920, -34.9991, -21.0410**.

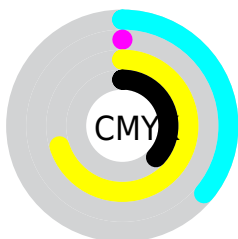
Distribution



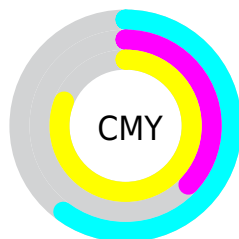
- Red (40%)
- Green (63%)
- Blue (19%)



- Red (19%)
- Yellow (63%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (70%)
- Black (37%)



- Cyan (60%)
- Magenta (37%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7760, -40.8086, -24.3596 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 130.7760, -40.8086, -24.3596 by changing the saturation by 10% instead.

■ 130.7760,
-40.8086, -24.3596

■ 130.7760,
-40.8086, -24.3596

■ 255.0000, 0.0000,
0.0000

■ 104.0210,
-42.4084, -24.5744

■ 185.5480,
-41.6822, -24.1596

■ 78.3350, -38.6192,
-26.6038

■ 213.9070,
-42.8452, -24.4744

■ 54.9890, -27.1096,
-31.5624

■ 231.5260,
-38.2203, -14.4933

■ 35.2200, -17.3635,
-30.8879

■ 243.3890,
-30.2648, 0.5358

■ 22.8930, -11.2862,
-20.0772

■ 249.8700,
-19.6559, 4.4990

■ 1.7610, -0.8682,
-1.5444

■ 253.1760, -6.9888,

■ 0.0000, 0.0000,

1.5996

0.0000

■ 130.7760,
-40.8086, -24.3596

■ 130.7760,
-40.8086, -24.3596

■ 126.5600,
-46.6181, -27.6781

■ 134.9920,
-34.9991, -21.0410

■ 122.0450,
-52.2802, -31.6115

■ 139.5070,
-29.3370, -17.1076

■ 117.8290,
-58.0897, -34.9300

■ 143.7230,
-23.5274, -13.7891

■ 147.9390,
-17.7179, -10.4705

■ 152.2690,
-11.4716, -7.2519

■ 156.7840, -5.8095,
-3.3186

■ 161.0000, 0.0000,
0.0000

■ 165.2160, 5.8095,
3.3186

■ 169.4320, 11.6190,
6.6371

Harmonies

Analogous

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



136.0950, -61.1788, 22.7187



130.7760, -40.8086, -24.3596



110.4890, -5.6641, -96.8989

Triad

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



130.7760, -40.8086, -24.3596



123.8390, 60.7184, -108.6068



142.0620, -3.4816, 90.2766

Complementary

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



130.7760, -40.8086, -24.3596



78.2240, 40.8086, 24.3596

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.



147.4390, 21.4756, 65.3900



130.7760, -40.8086, -24.3596



120.1320, 66.4899, -93.0778

Square

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



130.7760, -40.8086, -24.3596



123.8440, 42.9679, -108.6112



149.2010, 42.2989, 12.9787



141.5580, -29.3621, 84.5796

Rectangle

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



130.7760, -40.8086, -24.3596



116.1090, 10.7923, -101.8276



149.2010, 42.2989, 12.9787



143.0320, 5.4072, 85.9179

Sweetspot

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



130.7760, -40.8086, -24.3596



197.4060, -15.9762, -9.1261



115.2460, -33.1523, 40.1263



97.7360, -9.7298, -5.9075



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.7760, -40.8086, -24.3596



162.0260, -63.6098, -37.7338



114.3310, -32.7012, -58.1723



79.4790, -3.1941, -2.1741



106.3440, -52.4276, -30.9967



13.2570, -6.5357, -3.7334

Inverse Universe

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



78.2240, 40.8086, 24.3596



80.2730, 63.4624, 38.3486



94.6690, 32.7012, 58.1723



75.5210, 3.1941, 2.1741



38.9550, 52.2802, 31.6115



4.7430, 6.5357, 3.7334

Previews

White Background



This preview shows how the YUV color 130.7760, -40.8086, -24.3596 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 130.7760, -40.8086, -24.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

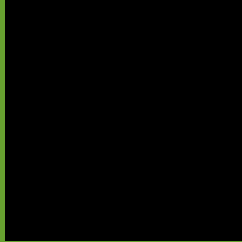
Any Text WCAG AA ✓ Pass

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 130.7760, -40.8086, -24.3596 Background



This preview shows how black text looks on a background with the YUV color 130.7760, -40.8086, -24.3596.



This preview shows how white text looks on a background with the YUV color 130.7760, -40.8086, -24.3596.

-24.3596.

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

130.7760, -40.8086, -24.3596

Protanopia

138.8680, -46.7699, 21.1638

Deuteranopia

141.5090, -42.1559, 34.6336



Tritanopia

142.0990, 9.8112, -20.2578

Trichromacy



Original Color

130.7760, -40.8086, -24.3596

Protanomaly

135.9260, -44.8265, 4.4499

Deuteranomaly

137.4910, -41.6541, 13.6014

Tritanomaly

137.9790, -8.3706, -21.9066

Monochromacy



Original Color

130.7760, -40.8086, -24.3596

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.0470, -14.8132, -8.8112

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7760, -40.8086, -24.3596 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(103, 161, 48)` looks like.

```
.text, #text, p{  
    color:rgb(103, 161, 48)  
}
```

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(103, 161, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 161, 48) }
```

Border

The CSS property to change the border of an element to YUV 130.7760, -40.8086, -24.3596 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(103, 161, 48) }
```


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

```
.border{ border-color:rgb(103, 161, 48) }
```

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

Here you see how a box with a 4 pixel rgb(103, 161, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 161, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 161, 48);  
box-shadow:4px 4px 4px 4px rgb(103, 161,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 130.7760, -40.8086, -24.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 161, 48) }
```

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

```
.background{ background-color: rgb(103,  
161, 48) }
```

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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