

Converting Colors

YUV(60.7040, 12.4709, 13.4146)

Have a look what the booklet for
YUV(60.7040, 12.4709, 13.4146)
contains.

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Color

**YUV(60.7040, 12.4709,
13.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3056
RGB	76, 48, 86
RGB Percent	30%, 19%, 34%
CMY	0.7020, 0.8118, 0.6627
CMYK	0.12, 0.44, 0.00, 0.66
HSL	284°, 28%, 26%
HSV	284°, 44%, 34%
XYZ	5.7172, 4.3223, 9.3371
YIQ	60.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

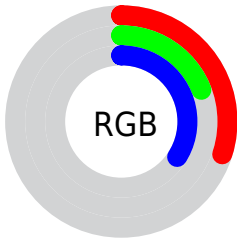
Format	Color
RYB	76, 48, 86
Decimal	4993110
CIELab	24.71, 20.44, -18.01
CIELCh	25, 27.237, 318.615
Yxy	4.3223, 0.2951, 0.2231
Android (android.graphics.Color)	4283183190 (0xFF4C3056)
YUV	60.7040, 12.4709, 13.4146
Hunter-Lab	20.7901, 12.7037, -12.0747




Details

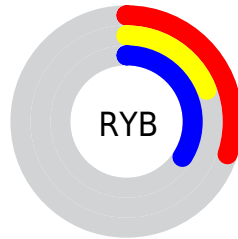
The YUV color **60.7040, 12.4709, 13.4146** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **73.2960, -12.4709, -13.4146**, and the grayscale version is **61.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **108.9430, 13.3391, 14.9590**, and **15.7040, 12.4709, 13.4146** is the 20% darker color. If you saturate the color by 10%, you get **54.8230, 15.3703, 16.8182**, and if you desaturate by 10%, it is **66.5850, 9.5716, 10.0110**.

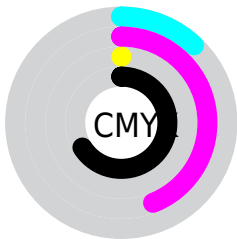
Distribution







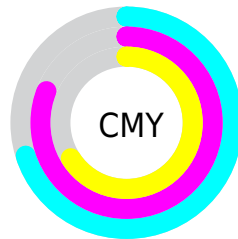
-  Red (30%)
-  Green (19%)
-  Blue (34%)






-  Red (30%)
-  Yellow (19%)
-  Blue (34%)



-  Cyan (12%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (70%)
-  Magenta (81%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.7040, 12.4709, 13.4146 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 60.7040, 12.4709, 13.4146 by changing the saturation by 10% instead.

60.7040, 12.4709,
13.4146

60.7040, 12.4709,
13.4146

255.0000, 0.0000,
0.0000

38.2910, 12.1815,
12.8998

108.9430, 13.3391,
14.9590

15.7040, 12.4709,
13.4146

134.3560, 13.6285,
15.4738

2.7530, 8.0098,
-2.4144

160.7690, 13.9179,
15.9886

0.0000, 0.0000,
0.0000

187.5950, 14.4967,
17.0182

215.7090, 14.9335,
16.9182

239.1510, 7.8136,

13.8996

■ 60.7040, 12.4709,
13.4146

■ 60.7040, 12.4709,
13.4146

■ 54.8230, 15.3703,
16.8182

■ 66.5850, 9.5716,
10.0110

■ 49.2300, 18.1276,
19.0923

■ 72.1780, 6.8142,
7.7369

■ 43.3490, 21.0269,
22.4959

■ 78.0590, 3.9149,
4.3333

■ 38.0550, 23.6369,
25.3848

■ 83.3530, 1.3050,
1.4444

■ 32.1740, 26.5362,
28.7884

■ 89.2340, -1.5944,
-1.9592

■ 28.6410, 28.2780,
30.1328

■ 95.4140, -4.6411,
-4.7481

■ 100.7080, -7.2510,
-7.6369

■ 106.5890,
-10.1504, -11.0406

■ 111.8830,
-12.7603, -13.9294

Harmonies

Analogous

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



57.7980, 19.8196, -10.3468



60.7040, 12.4709, 13.4146



59.2130, 3.8390, 28.7542

Triad

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



60.7040, 12.4709, 13.4146



57.2460, -19.8413, 17.3243



48.5970, 11.0447, -42.6196

Complementary

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



60.7040, 12.4709, 13.4146



73.2960, -12.4709, -13.4146

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.



45.6160, 2.1613, -40.0052



60.7040, 12.4709, 13.4146



55.0870, -18.7769, 2.5547

Square

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



60.7040, 12.4709, 13.4146



58.1040, -14.3483, 28.8498



52.3280, -11.0077, -16.0737



49.4750, 19.4858, -43.3896

Rectangle

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



60.7040, 12.4709, 13.4146



58.6390, -2.2870, 33.6426



52.3280, -11.0077, -16.0737



47.7990, 7.9871, -41.9197

Sweetspot

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



60.7040, 12.4709, 13.4146



102.5860, 4.6411, 4.7481



58.2020, 13.7044, -8.9472



50.1190, 2.8993, 3.4036



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



60.7040, 12.4709, 13.4146



72.8820, 19.2852, 21.1515



62.6680, 7.0657, 20.4622



40.3530, 1.3050, 1.4444



35.8190, 35.0922, 37.8697



78.5170, 77.1461, 82.8616

Inverse Universe

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



60.5020, -1.2335, 22.3617



72.3510, -2.1450, 34.7722



71.3320, -7.0657, -20.4622



40.3100, -0.1528, 2.3591



35.1850, -3.5422, 62.9818



77.3330, -7.5592, 138.2740

Previews

White Background



This preview shows how the YUV color 60.7040, 12.4709, 13.4146 looks on a white background.

Color Contrast Check

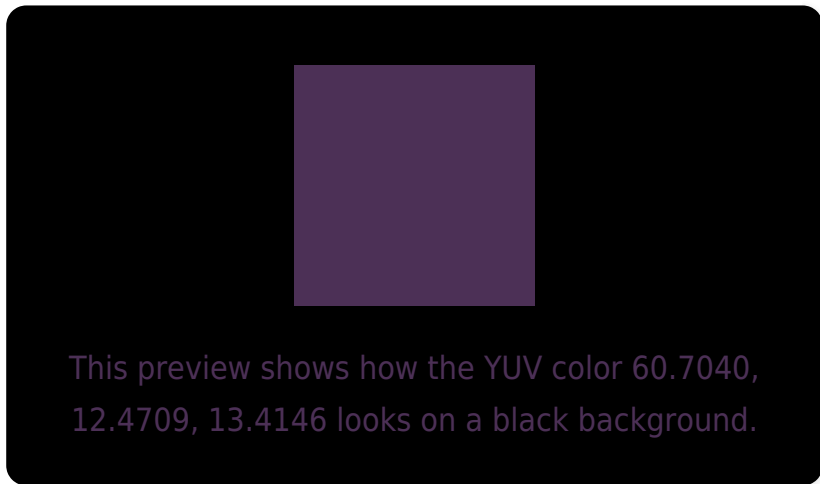
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

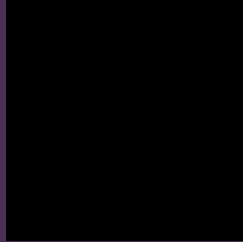
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 60.7040, 12.4709, 13.4146

Background



This preview shows how black text looks on a background with the YUV color 60.7040, 12.4709, 13.4146.



This preview shows how white text looks on a background with the YUV color 60.7040, 12.4709,

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

60.7040, 12.4709, 13.4146

Protanopia

58.2170, 17.6410, -11.5913

Deuteranopia

58.5720, 12.5360, -7.5176



Tritanopia

59.8380, -0.9061, 10.6661

Trichromacy



Original Color

60.7040, 12.4709, 13.4146

Protanomaly

58.8160, 15.8667, -2.4696

Deuteranomaly

59.0290, 12.8037, -0.0254

Tritanomaly

60.1030, 3.8932, 11.3107

Monochromacy



Original Color

60.7040, 12.4709, 13.4146

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.5860, 4.6411, 4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.7040, 12.4709, 13.4146 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(76, 48, 86)` looks like.

```
.text, #text, p{  
    color:rgb(76, 48, 86)  
}
```

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(76, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 48, 86) }
```

Border

The CSS property to change the border of an element to YUV 60.7040, 12.4709, 13.4146 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(76, 48, 86) }
```


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

```
.border{ border-color:rgb(76, 48, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 48, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(76, 48, 86)  
}
```

Background

The CSS property to change the background color of an element to YUV 60.7040, 12.4709, 13.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 48, 86) }
```

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

```
.background{ background-color: rgb(76, 48,  
86) }
```

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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