

Converting Colors

YUV(86.2040, 51.1714, 13.8531)

Have a look what the booklet for
YUV(86.2040, 51.1714, 13.8531)
contains.

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Color

**YUV(86.2040, 51.1714,
13.8531)**

Conversions

Conversions Part 1

Format	Color
Hex	663ABE
RGB	102, 58, 190
RGB Percent	40%, 23%, 75%
CMY	0.6000, 0.7725, 0.2549
CMYK	0.46, 0.69, 0.00, 0.25
HSL	260°, 53%, 49%
HSV	260°, 69%, 75%
XYZ	16.2868, 9.5686, 49.7037
YIQ	86.2040, -16.1480, 50.3800

Conversions

Conversions Part 2

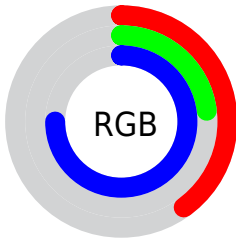
Format	Color
R_{YB}	102, 58, 190
Decimal	6699710
CIE _{Lab}	37.06, 49.02, -62.52
CIE _{LCh}	37, 79.447, 308.102
Yxy	9.5686, 0.2156, 0.1266
Android (android.graphics.Color)	4284889790 (0xFF663ABE)
YUV	86.2040, 51.1714, 13.8531
Hunter-Lab	30.9332, 39.8502, -73.6146

Details

The YUV color **86.2040, 51.1714, 13.8531** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **161.7960, -51.1714, -13.8531**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3940, 53.0498, 18.0715**, and **29.6980, 51.9139, 9.0349** is the 20% darker color. If you saturate the color by 10%, you get **71.1640, 58.5861, 15.6422**, and if you desaturate by 10%, it is **101.2440, 43.7567, 12.0640**.

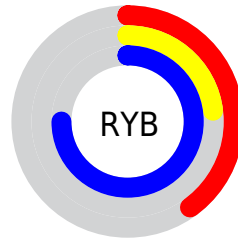
Distribution



Red (40%)

Green (23%)

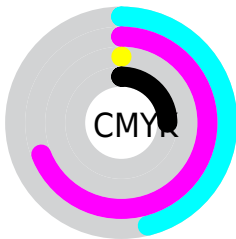
Blue (75%)



Red (40%)

Yellow (23%)

Blue (75%)

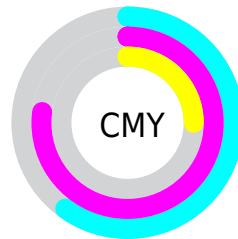


Cyan (46%)

Magenta (69%)

Yellow (0%)

Black (25%)



Cyan (60%)

Magenta (77%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.2040, 51.1714, 13.8531 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 86.2040, 51.1714, 13.8531 by changing the saturation by 10% instead.

■ 86.2040, 51.1714,
13.8531

■ 86.2040, 51.1714,
13.8531

■ 255.0000, 0.0000,
0.0000

■ 59.6660, 50.4507,
11.6939

■ 139.3940, 53.0498,
18.0715

■ 29.6980, 51.9139,
9.0349

■ 164.8260, 44.4558,
21.2006

■ 12.4260, 47.6110,
-10.8976

■ 189.3460, 32.3674,
25.1296

■ 9.5760, 36.6910,
-8.3982

■ 214.1650, 20.1317,
29.6733

■ 10.3620, 24.4715,
-9.0875

■ 232.6940, 10.9969,
19.5624

■ 5.3920, 15.5827,
-4.7288

■ 249.7170, 2.6045,

■ 2.1830, 5.8258,

4.6332

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 86.2040, 51.1714,
13.8531

■ 86.2040, 51.1714,
13.8531

■ 71.1640, 58.5861,
15.6422

■ 101.2440, 43.7567,
12.0640

■ 56.4230, 65.8535,
18.0460

■ 115.9850, 36.4894,
9.6602

■ 41.3830, 73.2682,
19.8351

■ 131.0250, 29.0747,
7.8711

■ 40.4970, 73.7050,
19.7351

■ 146.0650, 21.6600,
6.0820

■ 160.8060, 14.3926,
3.6781

■ 175.8460, 6.9779,
1.8891

■ 190.8860, -0.4368,
0.1000

■ 205.6270, -7.7041,
-2.3039

■ 220.6670,
-15.1188, -4.0930

Harmonies

Analogous

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



78.1550, 68.4506, -68.5419



86.2040, 51.1714, 13.8531



66.9320, 34.0505, 92.1446

Triad

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



86.2040, 51.1714, 13.8531



81.2110, -40.0370, 55.0660



77.6000, 13.0152, -68.0552

Complementary

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



86.2040, 51.1714, 13.8531



161.7960, -51.1714, -13.8531

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.



67.8590, -16.6925, -59.5123



86.2040, 51.1714, 13.8531



80.9250, -39.8960, 9.7128

Square

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



86.2040, 51.1714, 13.8531



54.5040, -23.9125, 110.0600



60.4610, -29.8073, -53.0243



84.6680, 40.0967, -74.2538

Rectangle

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



86.2040, 51.1714, 13.8531



67.5260, 13.0517, 107.4097



60.4610, -29.8073, -53.0243



74.3910, 3.2582, -65.2409

Sweetspot

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



86.2040, 51.1714, 13.8531



206.3100, 20.0602, 5.8671



124.7040, 32.1909, -58.4994



100.5240, 12.0667, 3.0485



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



86.2040, 51.1714, 13.8531



85.7020, 79.5199, 21.3093



105.9380, 41.4426, 54.4284



86.9230, 3.4890, 0.9445



33.8590, 61.2015, 16.7867



6.5240, 12.0667, 3.0485

Inverse Universe

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



107.5000, 18.9805, 72.3525



118.9130, 29.6229, 112.3323



142.0620, -41.4426, -54.4284



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 86.2040, 51.1714, 13.8531 looks on a white background.

Color Contrast Check

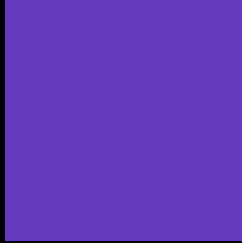
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 86.2040, 51.1714, 13.8531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

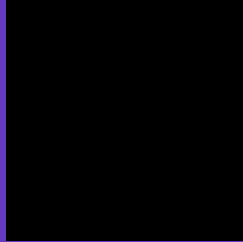
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.2040, 51.1714, 13.8531

Background



This preview shows how black text looks on a background with the YUV color 86.2040, 51.1714, 13.8531.



This preview shows how white text looks on a background with the YUV color 86.2040, 51.1714,

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

86.2040, 51.1714, 13.8531

Protanopia

69.6000, 53.4412, -61.0392

Deuteranopia

70.3860, 41.2217, -61.7285



Tritanopia

86.5090, 4.6791, -7.4624

Trichromacy



Original Color

86.2040, 51.1714, 13.8531

Protanomaly

75.8360, 52.3389, -34.0592

Deuteranomaly

75.8870, 44.9187, -34.1039

Tritanomaly

86.6190, 21.3868, 0.3341

Monochromacy



Original Color

86.2040, 51.1714, 13.8531

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2560, 18.6078, 5.0375

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.2040, 51.1714, 13.8531 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(102, 58, 190)` looks like.

```
.text, #text, p{  
    color:rgb(102, 58, 190)  
}
```

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(102, 58, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 58, 190) }
```

Border

The CSS property to change the border of an element to YUV 86.2040, 51.1714, 13.8531 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(102, 58, 190) }
```


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

```
.border{ border-color:rgb(102, 58, 190) }
```

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

Here you see how a box with a 4 pixel rgb(102, 58, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 58, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 58, 190);  
box-shadow:4px 4px 4px 4px rgb(102, 58,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 86.2040, 51.1714, 13.8531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 58, 190) }
```

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

```
.background{ background-color: rgb(102, 58,  
190) }
```

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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