

Converting Colors

YUV(64.3760, 63.9046, 36.5042)

Have a look what the booklet for
YUV(64.3760, 63.9046, 36.5042)
contains.

YUV(64.3760, 63.9046, 36.5042)	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(64.3760, 63.9046,
36.5042)**

Conversions

Conversions Part 1

Format	Color
Hex	6A12C2
RGB	106, 18, 194
RGB Percent	42%, 7%, 76%
CMY	0.5843, 0.9294, 0.2392
CMYK	0.45, 0.91, 0.00, 0.24
HSL	270°, 83%, 42%
HSV	270°, 91%, 76%
XYZ	15.8978, 7.3918, 51.6278
YIQ	64.3760, -4.0480, 73.3920

Conversions

Conversions Part 2

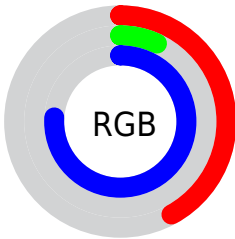
Format	Color
R_{YB}	106, 18, 194
Decimal	6951618
CIE _{Lab}	32.68, 65.65, -72.02
CIE _{LCh}	33, 97.451, 312.350
Yxy	7.3918, 0.2122, 0.0987
Android (android.graphics.Color)	4285141698 (0xFF6A12C2)
YUV	64.3760, 63.9046, 36.5042
Hunter-Lab	27.1879, 56.7966, -93.5557

Details

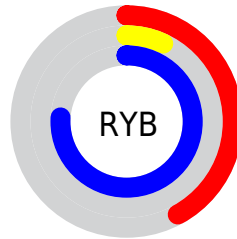
The YUV color **64.3760, 63.9046, 36.5042** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **147.6240, -63.9046, -36.5042**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0230, 62.5997, 35.0598**, and **28.1050, 54.6712, 11.3089** is the 20% darker color. If you saturate the color by 10%, you get **51.1190, 70.4403, 40.2376**, and if you desaturate by 10%, it is **78.5190, 56.9321, 32.8708**.

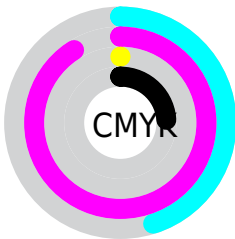
Distribution



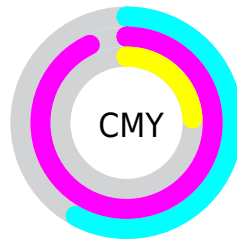
- Red (42%)
- Green (7%)
- Blue (76%)



- Red (42%)
- Yellow (7%)
- Blue (76%)



- Cyan (45%)
- Magenta (91%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3760, 63.9046, 36.5042 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 64.3760, 63.9046, 36.5042 by changing the saturation by 10% instead.

64.3760, 63.9046,
36.5042

64.3760, 63.9046,
36.5042

255.0000, 0.0000,
0.0000

41.3490, 61.4529,
29.5119

125.0230, 62.5997,
35.0598

28.1050, 54.6712,
11.3089

150.1840, 51.6743,
39.3036

12.8820, 49.3582,
-11.2975

175.5900, 39.1491,
43.3326

9.9180, 38.0014,
-8.6981

200.4090, 26.9134,
47.8763

10.5900, 25.3451,
-9.2874

217.4320, 18.5210,
32.9471

6.3210, 16.6037,
-5.5435


233.8680, 10.4181,


2.5250, 7.1362,


18.5328


-2.2144


 251.4780, 1.7363,
3.0888


 0.0000, 0.0000,
0.0000


 64.3760, 63.9046,
36.5042


 64.3760, 63.9046,
36.5042


 51.1190, 70.4403,
40.2376

 78.5190, 56.9321,
32.8708

 92.9500, 49.8177,
28.1078

 107.0930, 42.8452,
24.4744

 121.8230, 35.5833,
20.3262

 135.9660, 28.6108,
16.6928

■ 149.8100, 21.7857,
12.4446

■ 164.5400, 14.5238,
8.2964

■ 178.6830, 7.5513,
4.6630

■ 193.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



73.5220, 78.6227, -64.4788



64.3760, 63.9046, 36.5042



68.7820, 28.2085, 99.2922

Triad

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



64.3760, 63.9046, 36.5042



71.1550, -35.0794, 51.6071



72.1860, 17.6563, -63.3071

Complementary

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



64.3760, 63.9046, 36.5042



147.6240, -63.9046, -36.5042

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.



61.3220, -18.8927, -53.7794



64.3760, 63.9046, 36.5042



68.7430, -33.8903, -3.2826

Square

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



64.3760, 63.9046, 36.5042



52.9230, -26.0910, 108.8155



56.3520, -27.7815, -49.4207



81.7960, 49.4006, -71.7351

Rectangle

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



64.3760, 63.9046, 36.5042



67.7520, 3.5733, 114.2275



56.3520, -27.7815, -49.4207



69.2220, 6.2996, -60.7077

Sweetspot

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



64.3760, 63.9046, 36.5042



201.9180, 24.6904, 14.1039



89.7200, 51.4100, -62.8984



97.6540, 14.9606, 8.1964



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.



64.3760, 63.9046, 36.5042



66.4020, 91.4998, 52.2674



90.6880, 50.9328, 90.6046



89.6350, 3.6309, 2.0741



42.2740, 58.5319, 33.0857



8.8450, 11.9084, 7.1519

Inverse Universe

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



80.6560, 12.4946, 99.4027



89.7120, 17.8900, 142.3266



121.3120, -50.9328, -90.6046



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 64.3760, 63.9046, 36.5042 looks on a white background.

Color Contrast Check

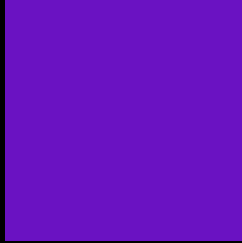
Large Text (above 18pt) WCAG AA ✓ Pass

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 64.3760, 63.9046, 36.5042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

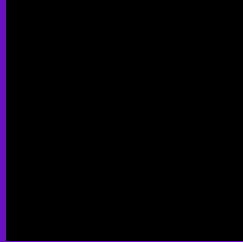
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3760, 63.9046, 36.5042

Background



This preview shows how black text looks on a background with the YUV color 64.3760, 63.9046, 36.5042.



This preview shows how white text looks on a background with the YUV color 64.3760, 63.9046,

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

64.3760, 63.9046, 36.5042

Protanopia

62.0370, 47.3098, -54.4064

Deuteranopia

62.4640, 36.2532, -54.7809



Tritanopia

78.2820, 2.3260, 0.6297

Trichromacy



Original Color

64.3760, 63.9046, 36.5042

Protanomaly

62.8530, 53.3165, -20.9191

Deuteranomaly

63.0180, 46.3331, -21.0638

Tritanomaly

73.5050, 24.4010, 13.5891

Monochromacy



Original Color

64.3760, 63.9046, 36.5042

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8640, 23.2380, 13.2743

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3760, 63.9046, 36.5042 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(106, 18, 194)` looks like.

```
.text, #text, p{  
    color:rgb(106, 18, 194)  
}
```

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(106, 18, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 18, 194) }
```

Border

The CSS property to change the border of an element to YUV 64.3760, 63.9046, 36.5042 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(106, 18, 194) }
```


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

```
.border{ border-color:rgb(106, 18, 194) }
```

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

Here you see how a box with a 4 pixel rgb(106, 18, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 18, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 18, 194);  
box-shadow:4px 4px 4px 4px rgb(106, 18,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 64.3760, 63.9046, 36.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 18, 194) }
```

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

```
.background{ background-color: rgb(106, 18,  
194) }
```

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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