

Converting Colors

YUV(106.8560, 65.6400,
-6.8897)

Have a look what the booklet for
YUV(106.8560, 65.6400, -6.8897)
contains.

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Color

**YUV(106.8560, 65.6400,
-6.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	6355F0
RGB	99, 85, 240
RGB Percent	39%, 33%, 94%
CMY	0.6118, 0.6667, 0.0588
CMYK	0.59, 0.65, 0.00, 0.06
HSL	245°, 84%, 64%
HSV	245°, 65%, 94%
XYZ	24.1223, 15.4409, 84.1471
YIQ	106.8560, -41.4110, 51.1730

Conversions

Conversions Part 2

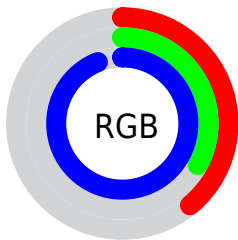
Format	Color
R_{YB}	99, 85, 240
Decimal	6510064
CIE _{Lab}	46.23, 48.32, -76.24
CIE _{LCh}	46, 90.264, 302.368
Yxy	15.4409, 0.1950, 0.1248
Android (android.graphics.Color)	4284700144 (0xFF6355F0)
YUV	106.8560, 65.6400, -6.8897
Hunter-Lab	39.2949, 40.8110, -99.4585

Details

The YUV color **106.8560, 65.6400, -6.8897** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **218.1440, -65.6400, 6.8897**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3400, 48.1464, 4.0868**, and **45.5600, 67.7579, -32.9401** is the 20% darker color. If you saturate the color by 10%, you get **86.1900, 75.8283, -8.0596**, and if you desaturate by 10%, it is **127.5220, 55.4517, -5.7198**.

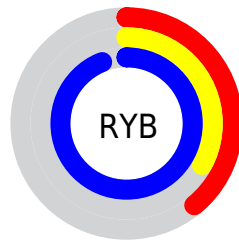
Distribution



Red (39%)

Green (33%)

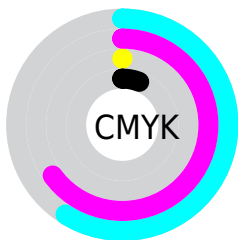
Blue (94%)



Red (39%)

Yellow (33%)

Blue (94%)

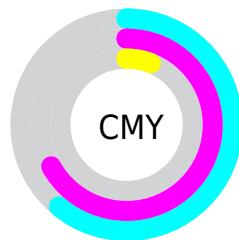


Cyan (59%)

Magenta (65%)

Yellow (0%)

Black (6%)



Cyan (61%)

Magenta (67%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.8560, 65.6400, -6.8897 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 106.8560, 65.6400, -6.8897 by changing the saturation by 10% instead.

■ 106.8560, 65.6400,
-6.8897

■ 106.8560, 65.6400,
-6.8897

255.0000, 0.0000,
0.0000

■ 78.9970, 65.0775,
-13.1524

■ 157.3400, 48.1464,
4.0868

■ 45.5600, 67.7579,
-32.9401

■ 181.5720, 36.2000,
9.1454

■ 26.4750, 63.3628,
-23.2186

■ 207.2770, 23.5274,
13.7891

■ 14.5920, 55.9101,
-12.7972

■ 232.9820, 10.8549,
18.4328

■ 11.6280, 44.5534,
-10.1978

■ 250.3040, 2.3151,
4.1184

■ 14.6480, 30.7395,
-12.8463

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 106.8560, 65.6400,
-6.8897

■ 106.8560, 65.6400,
-6.8897

■ 86.1900, 75.8283,
-8.0596

■ 127.5220, 55.4517,
-5.7198

■ 65.5240, 86.0167,
-9.2295

■ 148.1880, 45.2633,
-4.5499

■ 45.1570, 96.0576,
-9.7847

■ 168.5550, 35.2224,
-3.9947

■ 33.9380, 101.5886,
-10.4696

■ 189.2210, 25.0340,
-2.8248

■ 209.8870, 14.8457,
-1.6549

■ 230.5530, 4.6574,
-0.4850

■ 251.2190, -5.5310,
0.6849

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



106.8560, 65.6400, -6.8897



80.4340, 49.5790, 104.8594

Triad

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



106.8560, 65.6400, -6.8897



99.9380, -49.2694, 76.3534



94.0020, 9.8590, -82.4398

Complementary

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



106.8560, 65.6400, -6.8897



218.1440, -65.6400, 6.8897

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.



82.4370, -26.8374, -72.2972



106.8560, 65.6400, -6.8897



102.5540, -50.5591, 23.1931

Square

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



106.8560, 65.6400, -6.8897



71.0370, -18.7522, 135.0256



87.1070, -42.9438, -39.5588



103.2530, 42.7663, -90.5529

Rectangle

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



106.8560, 65.6400, -6.8897



83.2200, 24.0485, 126.9721



87.1070, -42.9438, -39.5588



90.9240, -1.9345, -79.7403

Sweetspot

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



106.8560, 65.6400, -6.8897



213.6680, 20.3767, -2.3398



186.0240, 26.6102, -88.5980



102.3170, 12.6617, -1.1550



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.



106.8560, 65.6400, -6.8897



84.0680, 84.2695, -8.8296



129.5800, 54.4371, 39.8333



109.6670, 5.0942, -0.5850



26.0590, 77.8649, -7.9447



7.8790, 23.7237, -2.5249

Inverse Universe

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



147.4190, 38.7404, 81.1935



136.1350, 49.7264, 104.2446



195.4200, -54.4371, -39.8333



112.8420, 3.0359, 6.2776



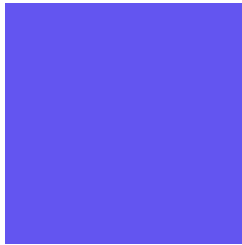
74.0540, 45.8224, 96.4226



22.5580, 14.0219, 29.3286

Previews

White Background



This preview shows how the YUV color 106.8560, 65.6400, -6.8897 looks on a white background.

Color Contrast Check

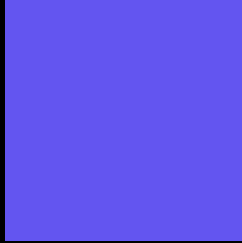
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 106.8560, 65.6400, -6.8897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

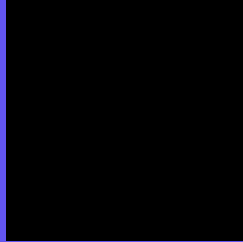
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.8560, 65.6400, -6.8897

Background



This preview shows how black text looks on a background with the YUV color 106.8560, 65.6400, -6.8897.



This preview shows how white text looks on a background with the YUV color 106.8560, 65.6400, -6.8897.

-6.8897.

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

106.8560, 65.6400, -6.8897

Protanopia

86.9430, 66.5831, -76.2490

Deuteranopia

87.5180, 51.0166, -76.7533



Tritanopia

99.6940, 13.9549, -42.7046

Trichromacy



Original Color

106.8560, 65.6400, -6.8897



Protanomaly

94.3960, 66.3598, -51.2133



Deuteranomaly

94.4640, 56.4662, -51.2729



Tritanomaly

102.4070, 32.8303, -30.1749

Monochromacy



Original Color

106.8560, 65.6400, -6.8897



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

106.8790, 23.7237, -2.5249

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8560, 65.6400, -6.8897 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(99, 85, 240)` looks like.

```
.text, #text, p{  
    color:rgb(99, 85, 240)  
}
```

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(99, 85, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 85, 240) }
```

Border

The CSS property to change the border of an element to YUV 106.8560, 65.6400, -6.8897 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(99, 85, 240) }
```


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

```
.border{ border-color:rgb(99, 85, 240) }
```

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

Here you see how a box with a 4 pixel rgb(99, 85, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 85, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 85, 240);  
box-shadow:4px 4px 4px 4px rgb(99, 85,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 106.8560, 65.6400, -6.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 85, 240) }
```

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

```
.background{ background-color: rgb(99, 85,  
240) }
```

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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