

Converting Colors

YUV(106.6220, 47.0214,
-8.4385)

Have a look what the booklet for
YUV(106.6220, 47.0214, -8.4385)
contains.

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Color

**YUV(106.6220, 47.0214,
-8.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	615DCA
RGB	97, 93, 202
RGB Percent	38%, 36%, 79%
CMY	0.6196, 0.6353, 0.2078
CMYK	0.52, 0.54, 0.00, 0.21
HSL	242°, 51%, 58%
HSV	242°, 54%, 79%
XYZ	19.5048, 14.6344, 57.6738
YIQ	106.6220, -32.6050, 34.7470

Conversions

Conversions Part 2

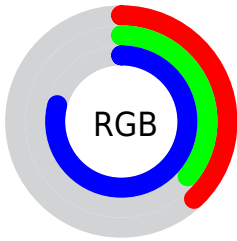
Format	Color
R _Y B	97, 93, 202
Decimal	6381002
CIE Lab	45.13, 31.43, -56.43
CIE LCh	45, 64.590, 299.120
Yxy	14.6344, 0.2124, 0.1594
Android (android.graphics.Color)	4284571082 (0xFF615DCA)
YUV	106.6220, 47.0214, -8.4385
Hunter-Lab	38.2549, 24.0647, -62.6084

Details

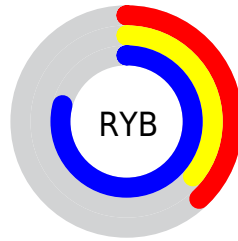
The YUV color **106.6220, 47.0214, -8.4385** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **188.3780, -47.0214, 8.4385**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0570, 47.2999, -4.4350**, and **54.2140, 45.7435, -18.6047** is the 20% darker color. If you saturate the color by 10%, you get **89.2010, 55.6099, -9.8233**, and if you desaturate by 10%, it is **124.0430, 38.4328, -7.0537**.

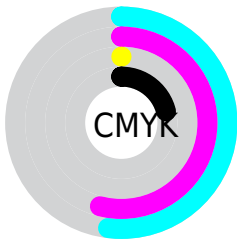
Distribution



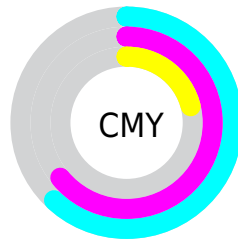
- Red (38%)
- Green (36%)
- Blue (79%)



- Red (38%)
- Yellow (36%)
- Blue (79%)



- Cyan (52%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.6220, 47.0214, -8.4385 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 106.6220, 47.0214, -8.4385 by changing the saturation by 10% instead.

■ 106.6220, 47.0214,
-8.4385

■ 106.6220, 47.0214,
-8.4385

255.0000, 0.0000,
0.0000

■ 80.3720, 46.1586,
-11.7272

■ 159.0570, 47.2999,
-4.4350

■ 54.2140, 45.7435,
-18.6047

■ 183.5770, 35.2115,
-0.5060

■ 29.0560, 45.3284,
-25.4821

■ 208.3960, 22.9758,
4.0377

■ 13.7650, 40.0489,
-12.0719

■ 233.5030, 10.5980,
7.4519

■ 8.0940, 31.0127,
-7.0984

254.4130, 0.2894,
0.5148

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 106.6220, 47.0214,
-8.4385

■ 106.6220, 47.0214,
-8.4385

■ 89.2010, 55.6099,
-9.8233

■ 124.0430, 38.4328,
-7.0537

■ 71.4810, 64.3459,
-11.8228

■ 141.7630, 29.6968,
-5.0542

■ 53.4730, 73.2238,
-12.6928

■ 159.7710, 20.8189,
-4.1842

■ 35.7530, 81.9598,
-14.6924

■ 177.4910, 12.0829,
-2.1846

■ 25.1210, 87.2013,
-15.8921

■ 194.9120, 3.4944,
-0.7998

■ 212.6320, -5.2416,
1.1997

■ 230.0530,
-13.8301, 2.5845

■ 248.3600,
-22.8555, 4.0693

■ 248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



91.5420, 61.3578, -80.2823



106.6220, 47.0214, -8.4385



106.3820, 27.9127, 54.0390

Triad

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



106.6220, 47.0214, -8.4385



98.6760, -48.6473, 63.4281



88.1660, 7.8062, -77.3216

Complementary

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



106.6220, 47.0214, -8.4385



188.3780, -47.0214, 8.4385

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.



79.3200, -15.9338, -69.5636



106.6220, 47.0214, -8.4385



100.2170, -49.4070, 26.9967

Square

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



106.6220, 47.0214, -8.4385



96.3270, -18.8952, 87.4132



92.8760, -45.7879, -13.9233



94.3220, 31.3933, -82.7204

Rectangle

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



106.6220, 47.0214, -8.4385



98.5290, 15.0222, 81.9741



92.8760, -45.7879, -13.9233



85.4130, -0.2036, -74.9072

Sweetspot

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



106.6220, 47.0214, -8.4385



219.2720, 17.6139, -2.8695



167.0610, 17.2249, -64.9515



106.1490, 10.7725, -1.8847



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.



106.6220, 47.0214, -8.4385



109.7180, 71.6240, -12.9077



122.7680, 39.0614, 24.7595



93.1400, 4.3680, -0.9998



20.7180, 71.6240, -12.9077



4.6310, 16.4509, -3.1844

Inverse Universe

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



137.5610, 29.7964, 56.5130



156.8740, 45.4181, 86.0565



172.2320, -39.0614, -24.7595



96.1300, 2.8939, 5.1480



67.8740, 45.4181, 86.0565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 106.6220, 47.0214, -8.4385 looks on a white background.

Color Contrast Check

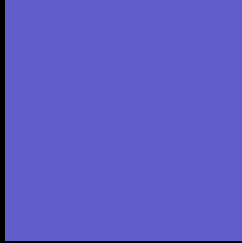
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.6220, 47.0214, -8.4385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

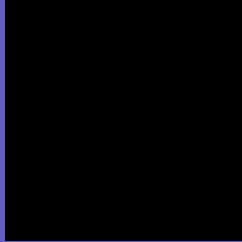
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.6220, 47.0214, -8.4385

Background



This preview shows how black text looks on a background with the YUV color 106.6220, 47.0214, -8.4385.



This preview shows how white text looks on a background with the YUV color 106.6220, 47.0214, -8.4385.

-8.4385.

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

106.6220, 47.0214, -8.4385

Protanopia

94.6100, 58.3663, -54.0320

Deuteranopia

85.7570, 51.8848, -75.2089



Tritanopia

101.4680, 10.1223, -26.7204

Trichromacy



Original Color

106.6220, 47.0214, -8.4385

Protanomaly

98.6830, 54.3863, -37.4330

Deuteranomaly

93.1560, 50.2091, -51.0028

Tritanomaly

103.3560, 23.4885, -20.4832

Monochromacy



Original Color

106.6220, 47.0214, -8.4385

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.8590, 17.3245, -3.3843

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.6220, 47.0214, -8.4385 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(97, 93, 202)` looks like.

```
.text, #text, p{  
    color:rgb(97, 93, 202)  
}
```

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(97, 93, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 93, 202) }
```

Border

The CSS property to change the border of an element to YUV 106.6220, 47.0214, -8.4385 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(97, 93, 202) }
```


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

```
.border{ border-color:rgb(97, 93, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 93, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 93, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 93, 202);  
box-shadow:4px 4px 4px 4px rgb(97, 93,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 106.6220, 47.0214, -8.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 93, 202) }
```

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

```
.background{ background-color: rgb(97, 93,  
202) }
```

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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