

Converting Colors

YUV(100.6040, 50.9742,
-16.3157)

Have a look what the booklet for
YUV(100.6040, 50.9742, -16.3157)
contains.

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Color

**YUV(100.6040, 50.9742,
-16.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	525ACC
RGB	82, 90, 204
RGB Percent	32%, 35%, 80%
CMY	0.6784, 0.6471, 0.2000
CMYK	0.60, 0.56, 0.00, 0.20
HSL	236°, 54%, 56%
HSV	236°, 60%, 80%
XYZ	18.0349, 13.4658, 58.7754
YIQ	100.6040, -41.3620, 33.7580

Conversions

Conversions Part 2

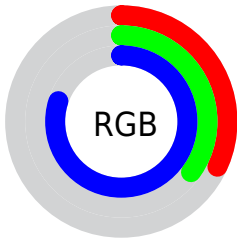
Format	Color
RYB	82, 90, 204
Decimal	5397196
CIELab	43.46, 31.04, -60.33
CIELCh	43, 67.849, 297.223
Yxy	13.4658, 0.1998, 0.1492
Android (android.graphics.Color)	4283587276 (0xFF525ACC)
YUV	100.6040, 50.9742, -16.3157
Hunter-Lab	36.6958, 23.5100, -69.2773

Details

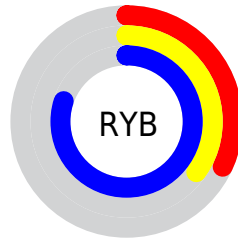
The YUV color **100.6040, 50.9742, -16.3157** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **185.3960, -50.9742, 16.3157**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7080, 49.9370, -10.2679**, and **43.4010, 52.0603, -38.0627** is the 20% darker color. If you saturate the color by 10%, you get **83.4710, 59.4208, -18.8301**, and if you desaturate by 10%, it is **117.7370, 42.5277, -13.8013**.

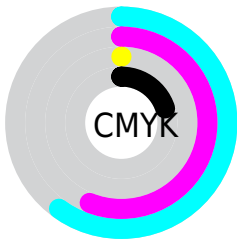
Distribution



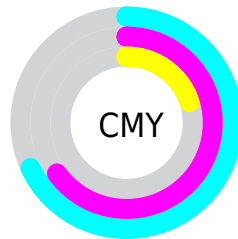
- Red (32%)
- Green (35%)
- Blue (80%)



- Red (32%)
- Yellow (35%)
- Blue (80%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (68%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6040, 50.9742, -16.3157 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 100.6040, 50.9742, -16.3157 by changing the saturation by 10% instead.

■ 100.6040, 50.9742,
-16.3157

■ 100.6040, 50.9742,
-16.3157

■ 255.0000, 0.0000,
0.0000

■ 74.0440, 50.2643,
-21.9636

■ 153.7080, 49.9370,
-10.2679

■ 43.4010, 52.0603,
-38.0627

■ 177.6410, 38.1380,
-5.8242

■ 27.9960, 46.3440,
-24.5525

■ 202.7480, 25.7602,
-2.4100

■ 12.2320, 41.7906,
-10.7275

■ 227.5670, 13.5245,
2.1337

■ 11.7300, 29.7131,
-10.2872

■ 252.0650, 1.4470,
2.5740

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 100.6040, 50.9742,
-16.3157

■ 100.6040, 50.9742,
-16.3157

■ 83.4710, 59.4208,
-18.8301

■ 117.7370, 42.5277,
-13.8013

■ 66.0390, 68.0148,
-21.9592

■ 135.1690, 33.9337,
-10.6722

■ 48.9060, 76.4613,
-24.4736

■ 152.3020, 25.4871,
-8.1579

■ 31.4740, 85.0553,
-27.6027

■ 169.7340, 16.8931,
-5.0287

■ 30.8870, 85.3447,
-27.0879

■ 186.8670, 8.4466,
-2.5144

■ 204.0000, 0.0000,
0.0000

■ 221.4320, -8.5940,
3.1291

■ 238.5650,
-17.0405, 5.6435

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



90.3680, 61.9366, -79.2527



100.6040, 50.9742, -16.3157



101.0060, 31.5490, 54.3687

Triad

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



100.6040, 50.9742, -16.3157



94.5670, -46.6215, 67.0317



84.9060, 5.4693, -74.4626

Complementary

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



100.6040, 50.9742, -16.3157



185.3960, -50.9742, 16.3157

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.



75.6040, -20.0178, -66.3047



100.6040, 50.9742, -16.3157



96.9830, -47.8126, 28.9559

Square

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



100.6040, 50.9742, -16.3157



88.3540, -16.4435, 94.4055



89.3430, -44.0461, -12.5788



91.9910, 30.0774, -80.6761

Rectangle

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



100.6040, 50.9742, -16.3157



90.0010, 19.2265, 86.8221



89.3430, -44.0461, -12.5788



82.0390, -2.9772, -71.9482

Sweetspot

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



100.6040, 50.9742, -16.3157



216.0050, 19.2245, -6.1434



166.6100, 14.4893, -74.2030



103.4800, 12.0884, -3.9290



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.



100.6040, 50.9742, -16.3157



99.0200, 76.8981, -24.5735



111.7550, 45.4768, 20.3859



93.1400, 4.3680, -0.9998



25.3810, 69.3252, -22.2591



6.0930, 15.7302, -5.3436

Inverse Universe

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



119.3900, -14.4893, 74.2030



127.3840, -21.8813, 111.9192



174.2450, -45.4768, -20.3859



94.9900, -1.4741, 6.1478



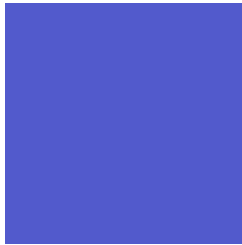
50.8880, -19.6648, 100.9532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 100.6040, 50.9742, -16.3157 looks on a white background.

Color Contrast Check

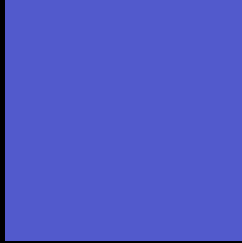
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.6040, 50.9742, -16.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

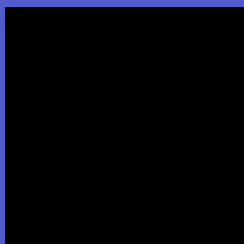
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6040, 50.9742, -16.3157

Background



This preview shows how black text looks on a background with the YUV color 100.6040, 50.9742, -16.3157.



This preview shows how white text looks on a background with the YUV color 100.6040, 50.9742, -16.3157.

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

100.6040, 50.9742, -16.3157

Protanopia

81.4660, 63.3673, -71.4457

Deuteranopia

82.3830, 49.1112, -72.2499



Tritanopia

92.6940, 13.9549, -42.7046

Trichromacy



Original Color

100.6040, 50.9742, -16.3157

Protanomaly

88.4470, 58.9396, -51.2580

Deuteranomaly

89.3300, 49.6303, -52.0324

Tritanomaly

95.6040, 27.3102, -32.9787

Monochromacy



Original Color

100.6040, 50.9742, -16.3157

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7770, 18.3509, -5.9434

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6040, 50.9742, -16.3157 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(82, 90, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 90, 204)  
}
```

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(82, 90, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 90, 204) }
```

Border

The CSS property to change the border of an element to YUV 100.6040, 50.9742, -16.3157 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(82, 90, 204) }
```


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

```
.border{ border-color:rgb(82, 90, 204) }
```

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

Here you see how a box with a 4 pixel rgb(82, 90, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 90, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 90, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 90,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 100.6040, 50.9742, -16.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 90, 204) }
```

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

```
.background{ background-color: rgb(82, 90,  
204) }
```

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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