

Converting Colors

YUV(92.2350, 60.5231,
-45.8101)

Have a look what the booklet for
YUV(92.2350, 60.5231, -45.8101)
contains.

YUV(92.2350, 60.5231, -45.8101)	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(92.2350, 60.5231,
-45.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	285FD7
RGB	40, 95, 215
RGB Percent	16%, 37%, 84%
CMY	0.8431, 0.6275, 0.1569
CMYK	0.81, 0.56, 0.00, 0.16
HSL	221°, 69%, 50%
HSV	221°, 81%, 84%
XYZ	17.2330, 13.5418, 65.9955
YIQ	92.2350, -71.3000, 25.6600

Conversions

Conversions Part 2

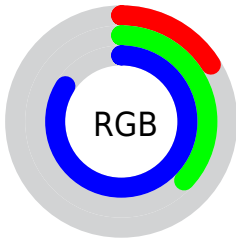
Format	Color
R _Y B	40, 82, 215
Decimal	2645975
CIE Lab	43.57, 26.23, -66.55
CIE LCh	44, 71.537, 291.513
Yxy	13.5418, 0.1781, 0.1399
Android (android.graphics.Color)	4280836055 (0xFF285FD7)
YUV	92.2350, 60.5231, -45.8101
Hunter-Lab	36.7992, 19.1926, -80.5709

Details

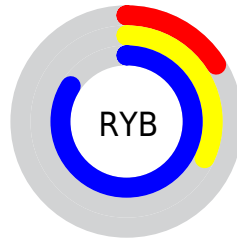
The YUV color **92.2350, 60.5231, -45.8101** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **162.7650, -60.5231, 45.8101**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5700, 52.4700, -29.4409**, and **47.4760, 54.9813, -41.6365** is the 20% darker color. If you saturate the color by 10%, you get **77.1510, 67.9596, -50.9984**, and if you desaturate by 10%, it is **107.6180, 52.9393, -40.0070**.

Distribution



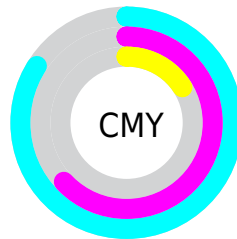
- Red (16%)
- Green (37%)
- Blue (84%)



- Red (16%)
- Yellow (32%)
- Blue (84%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (63%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.2350, 60.5231, -45.8101 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 92.2350, 60.5231, -45.8101 by changing the saturation by 10% instead.

■ 92.2350, 60.5231,
-45.8101

■ 92.2350, 60.5231,
-45.8101

255.0000, 0.0000,
0.0000

■ 63.5820, 60.8451,
-55.7614

■ 148.5700, 52.4700,
-29.4409

■ 47.4760, 54.9813,
-41.6365

■ 173.1010, 40.3762,
-23.7676

■ 33.2450, 48.6862,
-29.1559

■ 198.2190, 27.9930,
-18.6091

■ 17.9540, 43.4067,
-15.7457

■ 223.6250, 15.4679,
-14.5801

■ 15.6910, 32.1973,
-13.7610

■ 249.9170, 2.5059,
-10.4512

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 92.2350, 60.5231,
-45.8101

■ 92.2350, 60.5231,
-45.8101

■ 77.1510, 67.9596,
-50.9984

■ 107.6180, 52.9393,
-40.0070

■ 64.4260, 74.2330,
-56.5016

■ 122.1150, 45.7923,
-34.3039

■ 137.4980, 38.2085,
-28.5007

■ 152.5820, 30.7721,
-23.3124

■ 167.9650, 23.1883,
-17.5093

■ 182.4620, 16.0412,
-11.8062

■ 197.8450, 8.4574,
-6.0031

■ 212.9290, 1.0210,
-0.8147

■ 228.3120, -6.5628,
4.9884

Harmonies

Analogous

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



93.4000, 63.3998, -81.9118



92.2350, 60.5231, -45.8101



102.4440, 37.2491, 46.0916

Triad

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



92.2350, 60.5231, -45.8101



91.9750, -45.3437, 77.1979



84.1250, -0.0616, -73.7776

Complementary

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



92.2350, 60.5231, -45.8101



162.7650, -60.5231, 45.8101

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.



73.0960, -29.6273, -64.1052



92.2350, 60.5231, -45.8101



97.6250, -48.1291, 37.1629

Square

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



92.2350, 60.5231, -45.8101



80.3200, -8.0458, 107.5904



91.7460, -45.2308, -5.9162



91.6660, 26.2937, -80.3911

Rectangle

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



92.2350, 60.5231, -45.8101



90.0100, 25.6311, 85.9372



91.7460, -45.2308, -5.9162



81.1440, -8.9450, -71.1633

Sweetspot

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



92.2350, 60.5231, -45.8101



212.1070, 21.1462, -15.8798



156.4050, 1.7723, -102.0872



101.6750, 12.9782, -9.3620



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.



92.2350, 60.5231, -45.8101



79.8730, 86.3376, -65.6636



69.5180, 71.7226, 2.1767



99.6020, 3.6472, -3.1590



51.1920, 59.0653, -44.8954



13.1200, 14.7308, -11.5062

Inverse Universe

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



98.5950, -1.7723, 102.0872



88.7560, -2.3447, 145.7960



185.4820, -71.7226, -2.1767



99.7450, 0.1257, 6.3626



57.2850, -1.6195, 99.7281



14.4530, -0.2233, 25.0357

Previews

White Background



This preview shows how the YUV color 92.2350, 60.5231, -45.8101 looks on a white background.

Color Contrast Check

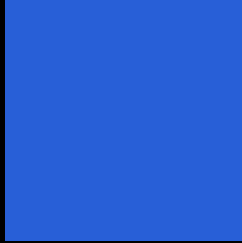
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.2350, 60.5231, -45.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

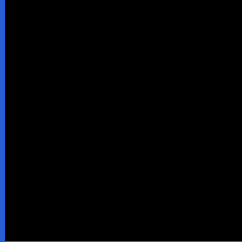
Any Text WCAG AA × Fail

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 92.2350, 60.5231, -45.8101 Background



This preview shows how black text looks on a background with the YUV color 92.2350, 60.5231, -45.8101.



This preview shows how white text looks on a background with the YUV color 92.2350, 60.5231,

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

92.2350, 60.5231, -45.8101

Protanopia

81.3520, 62.9305, -71.3457

Deuteranopia

82.1550, 48.2376, -72.0499



Tritanopia

80.7120, 19.8620, -70.7844

Trichromacy



Original Color

92.2350, 60.5231, -45.8101

Protanomaly

85.4780, 61.8823, -61.8092

Deuteranomaly

85.7740, 52.8624, -62.0688

Tritanomaly

84.9640, 34.5277, -61.3584

Monochromacy



Original Color

92.2350, 60.5231, -45.8101

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.0360, 22.1673, -16.6946

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.2350, 60.5231, -45.8101 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(40, 95, 215)` looks like.

```
.text, #text, p{  
    color:rgb(40, 95, 215)  
}
```

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(40, 95, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 95, 215) }
```

Border

The CSS property to change the border of an element to YUV 92.2350, 60.5231, -45.8101 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(40, 95, 215) }
```


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

```
.border{ border-color:rgb(40, 95, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 95, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 95, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 95, 215);  
box-shadow:4px 4px 4px 4px rgb(40, 95,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 92.2350, 60.5231, -45.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 95, 215) }
```

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

```
.background{ background-color: rgb(40, 95,  
215) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor