

Converting Colors

YUV(111.9270, 54.2660,
-45.5400)

Have a look what the booklet for
YUV(111.9270, 54.2660, -45.5400)
contains.

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Color

**YUV(111.9270, 54.2660,
-45.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	3C75DE
RGB	60, 117, 222
RGB Percent	24%, 46%, 87%
CMY	0.7647, 0.5412, 0.1294
CMYK	0.73, 0.47, 0.00, 0.13
HSL	219°, 71%, 55%
HSV	219°, 73%, 87%
XYZ	21.4096, 18.9572, 71.6379
YIQ	111.9270, -67.6770, 20.5710

Conversions

Conversions Part 2

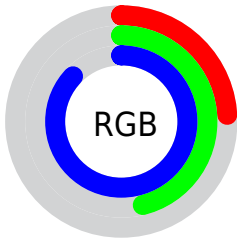
Format	Color
R _Y B	60, 102, 222
Decimal	3962334
CIE Lab	50.64, 17.00, -59.06
CIE LCh	51, 61.455, 286.054
Yxy	18.9572, 0.1911, 0.1693
Android (android.graphics.Color)	4282152414 (0xFF3C75DE)
YUV	111.9270, 54.2660, -45.5400
Hunter-Lab	43.5398, 11.5781, -67.0745

Details

The YUV color **111.9270, 54.2660, -45.5400** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **170.0730, -54.2660, 45.5400**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2460, 43.7557, -34.4187**, and **60.0140, 52.2511, -52.6323** is the 20% darker color. If you saturate the color by 10%, you get **97.1310, 61.5604, -51.8579**, and if you desaturate by 10%, it is **126.7230, 46.9716, -39.2221**.

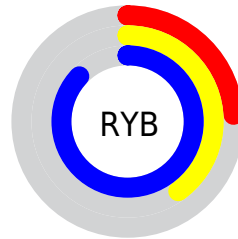
Distribution



Red (24%)

Green (46%)

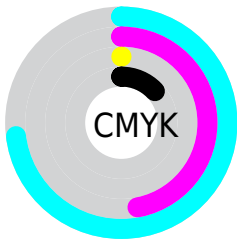
Blue (87%)



Red (24%)

Yellow (40%)

Blue (87%)

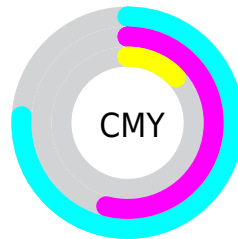


Cyan (73%)

Magenta (47%)

Yellow (0%)

Black (13%)



Cyan (76%)

Magenta (54%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.9270, 54.2660, -45.5400 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 111.9270, 54.2660, -45.5400 by changing the saturation by 10% instead.

■ 111.9270, 54.2660,
-45.5400

■ 111.9270, 54.2660,
-45.5400

■ 255.0000, 0.0000,
0.0000

■ 76.7070, 57.8254,
-67.2720

■ 166.2460, 43.7557,
-34.4187

■ 60.0140, 52.2511,
-52.6323

■ 191.0650, 31.5200,
-29.8750

■ 44.0220, 46.8242,
-38.6073

■ 216.1830, 19.1368,
-24.7165

■ 29.9050, 40.9658,
-26.2267

■ 242.1760, 6.3222,
-21.2024

■ 11.2060, 37.8594,
-9.8277

■ 253.2060, 0.8844,
-3.6887

■ 11.2910, 25.4925,
-9.9022

■ 6.4350, 17.0405,

-5.6435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 111.9270, 54.2660,
-45.5400

■ 111.9270, 54.2660,
-45.5400

■ 97.1310, 61.5604,
-51.8579

■ 126.7230, 46.9716,
-39.2221

■ 81.7480, 69.1442,
-57.6610

■ 142.1060, 39.3877,
-33.4190

■ 71.0940, 74.3967,
-62.3494

■ 157.2010, 31.9459,
-26.4863

■ 172.5840, 24.3621,
-20.6832

■ 187.3800, 17.0677,
-14.3653

■ 202.1760, 9.7732,
-8.0474

■ 217.5590, 2.1894,
-2.2442

■ 232.6540, -5.2524,
4.6884

■ 246.5420,
-12.0992, 7.4177

Harmonies

Analogous

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



104.0800, 58.6276, -91.2782



111.9270, 54.2660, -45.5400



123.9490, 34.5351, 29.8627

Triad

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



111.9270, 54.2660, -45.5400



115.2270, -34.1289, 73.4689



94.5430, -0.7607, -82.9142

Complementary

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



111.9270, 54.2660, -45.5400



170.0730, -54.2660, 45.5400

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.



101.1250, -30.1346, -41.3286



111.9270, 54.2660, -45.5400



113.3180, -55.8658, 45.3251

Square

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



111.9270, 54.2660, -45.5400



113.2590, -9.0017, 87.4729



110.1300, -54.2941, 7.7790



101.9870, 22.6844, -89.4426

Rectangle

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



111.9270, 54.2660, -45.5400



120.4170, 21.4864, 61.9013



110.1300, -54.2941, 7.7790



91.9040, -8.3337, -80.5998

Sweetspot

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



111.9270, 54.2660, -45.5400



217.1240, 18.6729, -15.8947



166.8360, -1.8911, -93.6952



104.9200, 11.3784, -9.5768



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.



111.9270, 54.2660, -45.5400



102.9090, 74.9809, -63.0642



85.0460, 67.5183, -2.6713



104.6020, 3.6472, -3.1590



56.4580, 58.9342, -49.5137



15.4510, 16.0467, -13.5505

Inverse Universe

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



114.9360, 1.0176, 93.8951



106.9820, 1.4879, 129.8118



196.9540, -67.5183, 2.6713



104.7450, 0.1257, 6.3626



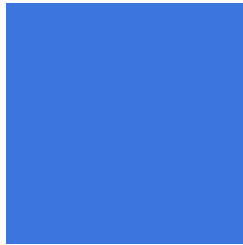
59.6920, 1.1378, 102.0021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 111.9270, 54.2660, -45.5400 looks on a white background.

Color Contrast Check

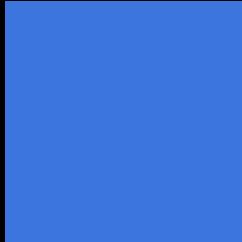
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.9270, 54.2660, -45.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

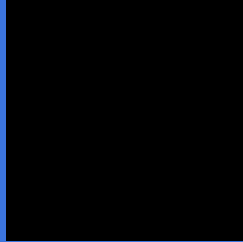
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.9270, 54.2660, -45.5400

Background



This preview shows how black text looks on a background with the YUV color 111.9270, 54.2660, -45.5400.



This preview shows how white text looks on a background with the YUV color 111.9270, 54.2660, -45.5400.

-45.5400.

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

111.9270, 54.2660, -45.5400

Protanopia

113.0200, 53.2341, -41.2365

Deuteranopia

96.1240, 58.6059, -84.3007



Tritanopia

94.3730, 23.9731, -82.7651

Trichromacy



Original Color

111.9270, 54.2660, -45.5400

Protanomaly

112.4220, 53.5290, -42.4661

Deuteranomaly

101.8700, 57.2521, -70.0460

Tritanomaly

100.7350, 35.1336, -69.0506

Monochromacy



Original Color

111.9270, 54.2660, -45.5400

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0530, 19.6939, -16.7095

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.9270, 54.2660, -45.5400 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(60, 117, 222)` looks like.

```
.text, #text, p{  
    color:rgb(60, 117, 222)  
}
```

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(60, 117, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 117, 222) }
```

Border

The CSS property to change the border of an element to YUV 111.9270, 54.2660, -45.5400 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(60, 117, 222) }
```


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

```
.border{ border-color:rgb(60, 117, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 117, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 117, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 117, 222);  
box-shadow:4px 4px 4px 4px rgb(60, 117,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 111.9270, 54.2660, -45.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 117, 222) }
```

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

```
.background{ background-color: rgb(60, 117,  
222) }
```

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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