

Converting Colors

YUV(120.2390, 54.6052,
-14.2416)

Have a look what the booklet for
YUV(120.2390, 54.6052, -14.2416)
contains.

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Color

**YUV(120.2390, 54.6052,
-14.2416)**

Conversions

Conversions Part 1

Format	Color
Hex	686BE7
RGB	104, 107, 231
RGB Percent	41%, 42%, 91%
CMY	0.5922, 0.5804, 0.0941
CMYK	0.55, 0.54, 0.00, 0.09
HSL	239°, 73%, 66%
HSV	239°, 55%, 91%
XYZ	25.3904, 19.2280, 77.9745
YIQ	120.2390, -41.5920, 37.9280

Conversions

Conversions Part 2

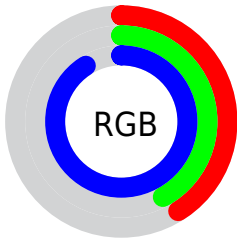
Format	Color
RYB	104, 107, 231
Decimal	6843367
CIELab	50.95, 33.43, -63.50
CIElCh	51, 71.760, 297.764
Yxy	19.2280, 0.2071, 0.1568
Android (android.graphics.Color)	4285033447 (0xFF686BE7)
YUV	120.2390, 54.6052, -14.2416
Hunter-Lab	43.8497, 26.6204, -74.7359

Details

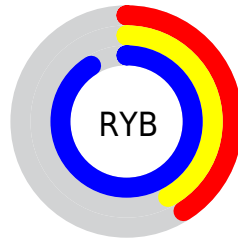
The YUV color $120.2390, 54.6052, -14.2416$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $214.7610, -54.6052, 14.2416$, and the grayscale version is $120.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $170.8520, 41.4850, -6.0092$, and $65.5210, 53.4801, -26.7669$ is the 20% darker color. If you saturate the color by 10%, you get $99.8610, 64.6515, -16.5411$, and if you desaturate by 10%, it is $140.6170, 44.5588, -11.9421$.

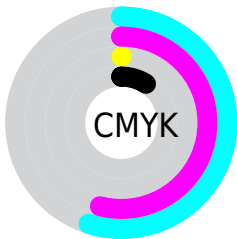
Distribution



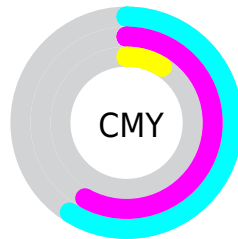
- Red (41%)
- Green (42%)
- Blue (91%)



- Red (41%)
- Yellow (42%)
- Blue (91%)



- Cyan (55%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (59%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.2390, 54.6052, -14.2416 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 120.2390, 54.6052, -14.2416 by changing the saturation by 10% instead.

■ 120.2390, 54.6052,
-14.2416

■ 120.2390, 54.6052,
-14.2416

255.0000, 0.0000,
0.0000

■ 93.5760, 53.4530,
-18.0452

■ 170.8520, 41.4850,
-6.0092

■ 65.5210, 53.4801,
-26.7669

■ 195.3720, 29.3966,
-2.0802

■ 39.0640, 53.2124,
-34.2591

■ 220.7780, 16.8714,
1.9487

■ 24.9470, 47.3541,
-21.8785

■ 246.4830, 4.1989,
6.5924

■ 10.8300, 41.4958,
-9.4979

■ 12.6760, 28.2607,
-11.1169

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 120.2390, 54.6052,
-14.2416

■ 120.2390, 54.6052,
-14.2416

■ 99.8610, 64.6515,
-16.5411

■ 140.6170, 44.5588,
-11.9421

■ 80.0700, 74.4085,
-19.3554

■ 160.4080, 34.8019,
-9.1278

■ 59.6920, 84.4548,
-21.6549

■ 180.7860, 24.7555,
-6.8283

■ 39.9010, 94.2118,
-24.4692

■ 200.5770, 14.9985,
-4.0140

■ 29.2690, 99.4534,
-25.6689

■ 220.9550, 4.9522,
-1.7145

■ 241.0450, -4.9522,
1.7145

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



104.8270, 69.1053, -91.9333



120.2390, 54.6052, -14.2416



120.7940, 33.1326, 59.8167

Triad

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



120.2390, 54.6052, -14.2416



112.0210, -55.2264, 73.6496



99.3990, 7.6913, -87.1729

Complementary

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



120.2390, 54.6052, -14.2416



214.7610, -54.6052, 14.2416

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.



89.6410, -19.5430, -78.6152



120.2390, 54.6052, -14.2416



113.8280, -56.1172, 32.5998

Square

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



120.2390, 54.6052, -14.2416



108.7740, -20.1016, 101.0532



105.8670, -52.1924, -13.0384



107.0540, 34.4834, -93.8864

Rectangle

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



120.2390, 54.6052, -14.2416



111.8060, 18.3366, 92.2551



105.8670, -52.1924, -13.0384



96.3040, -1.6289, -84.4586

Sweetspot

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



120.2390, 54.6052, -14.2416



219.2610, 17.6193, -4.6139



192.5710, 16.9735, -77.6768



106.4370, 10.6306, -3.0142



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.



120.2390, 54.6052, -14.2416



108.5000, 72.2245, -18.8555



136.1190, 46.7763, 23.5746



104.9550, 4.9522, -1.7145



22.7540, 77.0293, -19.9553



6.4010, 21.9873, -5.6137

Inverse Universe

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



142.3150, -17.4103, 77.7767



137.6880, -23.0172, 102.8826



198.8810, -46.7763, -23.5746



106.7020, -1.3321, 7.2773



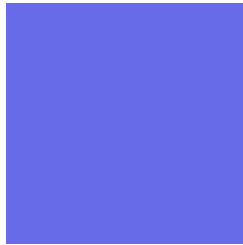
53.9770, -24.6387, 109.6452



15.3630, -7.0810, 31.2536

Previews

White Background



This preview shows how the YUV color 120.2390, 54.6052, -14.2416 looks on a white background.

Color Contrast Check

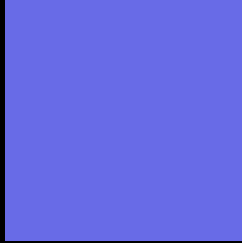
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.2390, 54.6052, -14.2416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

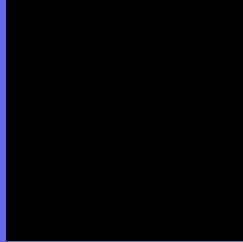
Any Text WCAG AA ✓ Pass

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 120.2390, 54.6052, -14.2416 Background



This preview shows how black text looks on a background with the YUV color 120.2390, 54.6052, -14.2416.



This preview shows how white text looks on a background with the YUV color 120.2390, 54.6052, -14.2416.

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

120.2390, 54.6052, -14.2416

Protanopia

107.2160, 65.9555, -61.5794

Deuteranopia

96.9390, 59.1901, -85.0155



Tritanopia

113.4990, 13.0650, -37.2716

Trichromacy



Original Color

120.2390, 54.6052, -14.2416

Protanomaly

111.5880, 61.8281, -44.3657

Deuteranomaly

105.3490, 57.5089, -59.0651

Tritanomaly

116.1530, 28.0256, -29.0752

Monochromacy



Original Color

120.2390, 54.6052, -14.2416

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8310, 19.8033, -5.1138

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.2390, 54.6052, -14.2416 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(104, 107, 231)` looks like.

```
.text, #text, p{  
    color:rgb(104, 107, 231)  
}
```

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(104, 107, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 107, 231) }
```

Border

The CSS property to change the border of an element to YUV 120.2390, 54.6052, -14.2416 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(104, 107, 231) }
```


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

```
.border{ border-color:rgb(104, 107, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 107, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 107, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 107, 231);  
box-shadow:4px 4px 4px 4px rgb(104, 107,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 120.2390, 54.6052, -14.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 107, 231) }
```

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

```
.background{ background-color: rgb(104,  
107, 231) }
```

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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