

Converting Colors

YUV(145.1050, 51.2202,
-1.8461)

Have a look what the booklet for
YUV(145.1050, 51.2202, -1.8461)
contains.

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Color

**YUV(145.1050, 51.2202,
-1.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7EF9
RGB	143, 126, 249
RGB Percent	56%, 49%, 98%
CMY	0.4392, 0.5059, 0.0235
CMYK	0.43, 0.49, 0.00, 0.02
HSL	248°, 91%, 74%
HSV	248°, 49%, 98%
XYZ	35.8874, 27.6009, 93.0586
YIQ	145.1050, -29.3510, 41.8570

Conversions

Conversions Part 2

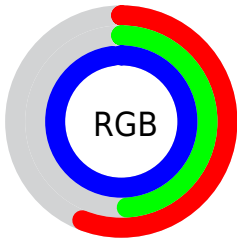
Format	Color
R_{YB}	143, 126, 249
Decimal	9404153
CIE _{Lab}	59.53, 35.84, -59.58
CIE _{LCh}	60, 69.531, 301.029
Yxy	27.6009, 0.2292, 0.1763
Android (android.graphics.Color)	4287594233 (0xFF8F7EF9)
YUV	145.1050, 51.2202, -1.8461
Hunter-Lab	52.5366, 29.9934, -68.2454

Details

The YUV color $145.1050, 51.2202, -1.8461$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $229.8950, -51.2202, 1.8461$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.2420, 29.9537, 5.9268$, and $92.5020, 49.0525, -6.5793$ is the 20% darker color. If you saturate the color by 10%, you get $124.1510, 61.5506, -1.8864$, and if you desaturate by 10%, it is $166.0590, 40.8899, -1.8057$.

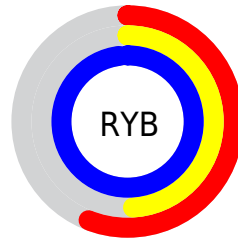
Distribution



Red (56%)

Green (49%)

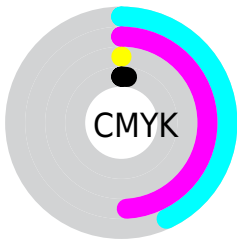
Blue (98%)



Red (56%)

Yellow (49%)

Blue (98%)

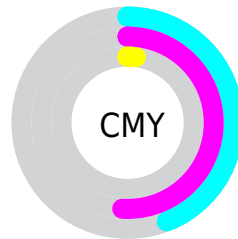


Cyan (43%)

Magenta (49%)

Yellow (0%)

Black (2%)



Cyan (44%)

Magenta (51%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1050, 51.2202, -1.8461 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 145.1050, 51.2202, -1.8461 by changing the saturation by 10% instead.

■ 145.1050, 51.2202,
-1.8461

■ 145.1050, 51.2202,
-1.8461

255.0000, 0.0000,
0.0000

■ 118.4530, 50.0627,
-3.9053

■ 194.2420, 29.9537,
5.9268

■ 92.5020, 49.0525,
-6.5793

■ 219.6480, 17.4285,
9.9557

■ 65.9530, 48.3372,
-10.4828

■ 243.2600, 5.7878,
10.2960

■ 36.7940, 49.4016,
-25.2523

■ 19.1110, 45.3013,
-16.7603

■ 9.8040, 37.5646,
-8.5981

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 145.1050, 51.2202,
-1.8461

■ 145.1050, 51.2202,
-1.8461

■ 124.1510, 61.5506,
-1.8864

■ 166.0590, 40.8899,
-1.8057

■ 102.8980, 72.0283,
-2.5415

■ 187.3120, 30.4122,
-1.1506

■ 81.9440, 82.3586,
-2.5819

■ 208.2660, 20.0819,
-1.1103

■ 60.6910, 92.8363,
-3.2370

■ 229.5190, 9.6041,
-0.4552

■ 40.3240, 102.8773,
-3.7921

■ 250.4730, -0.7262,
-0.4148

■ 38.5520, 103.7509,
-3.9921

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



117.1200, 67.9748, -102.7142



145.1050, 51.2202, -1.8461



144.7900, 29.1905, 64.2052

Triad

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



145.1050, 51.2202, -1.8461



136.7540, -53.6157, 70.3757



116.7930, 13.4131, -102.4275

Complementary

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



145.1050, 51.2202, -1.8461



229.8950, -51.2202, 1.8461

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.



107.1490, -13.3845, -93.9697



145.1050, 51.2202, -1.8461



133.5970, -65.8633, 31.9254

Square

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



145.1050, 51.2202, -1.8461



136.2590, -25.7637, 97.1199



126.7480, -55.0918, -16.4420



123.7470, 40.0577, -108.5261

Rectangle

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



145.1050, 51.2202, -1.8461



138.9000, 12.3743, 91.2957



126.7480, -55.0918, -16.4420



113.6980, 4.0929, -99.7131

Sweetspot

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



145.1050, 51.2202, -1.8461



222.8270, 15.8613, -0.7253



202.8310, 22.7613, -67.3808



108.5190, 9.6041, -0.4552



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.



145.1050, 51.2202, -1.8461



128.0800, 62.5716, -2.7012



163.3440, 42.2284, 35.6553



114.0800, 5.3836, -0.0702



29.3200, 78.7222, -2.9116



9.3460, 25.4654, -1.1804

Inverse Universe

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



174.8610, 28.1695, 65.0199



164.5560, 34.2359, 79.3194



211.6560, -42.2284, -35.6553



117.1410, 2.8885, 6.8923



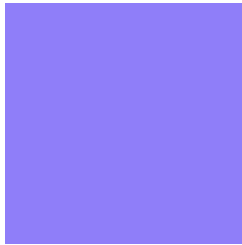
75.0930, 43.3382, 99.8964



24.2810, 14.1585, 32.2026

Previews

White Background



This preview shows how the YUV color 145.1050, 51.2202, -1.8461 looks on a white background.

Color Contrast Check

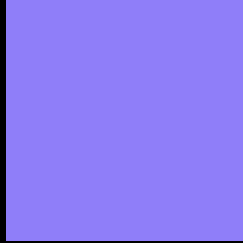
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.1050, 51.2202, -1.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

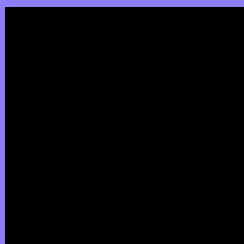
Any Text WCAG AA ✓ Pass

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 145.1050, 51.2202, -1.8461 Background



This preview shows how black text looks on a background with the YUV color 145.1050, 51.2202, -1.8461.



This preview shows how white text looks on a background with the YUV color 145.1050, 51.2202, -1.8461.

-1.8461.

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

145.1050, 51.2202, -1.8461

Protanopia

136.9750, 58.1863, -42.9511

Deuteranopia

133.0780, 55.1775, -57.9504



Tritanopia

140.2950, 9.2216, -17.7987

Trichromacy



Original Color

145.1050, 51.2202, -1.8461

Protanomaly

139.7920, 55.8115, -27.8816

Deuteranomaly

137.4550, 53.5127, -37.2330

Tritanomaly

141.7530, 24.7718, -12.0614

Monochromacy



Original Color

145.1050, 51.2202, -1.8461

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9240, 18.7715, -0.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1050, 51.2202, -1.8461 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(143, 126, 249)` looks like.

```
.text, #text, p{  
    color:rgb(143, 126, 249)  
}
```

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(143, 126, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 126, 249) }
```

Border

The CSS property to change the border of an element to YUV 145.1050, 51.2202, -1.8461 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(143, 126, 249) }
```


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

```
.border{ border-color:rgb(143, 126, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 126, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 126, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 126, 249);  
box-shadow:4px 4px 4px 4px rgb(143, 126,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 145.1050, 51.2202, -1.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 126, 249) }
```

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

```
.background{ background-color: rgb(143,  
126, 249) }
```

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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