

Converting Colors

YUV(145.4260, 54.0200,
-60.0096)

Have a look what the booklet for
YUV(145.4260, 54.0200, -60.0096)
contains.

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Color

**YUV(145.4260, 54.0200,
-60.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9FFF
RGB	77, 159, 255
RGB Percent	30%, 62%, 100%
CMY	0.6980, 0.3765, 0.0000
CMYK	0.70, 0.38, 0.00, 0.00
HSL	212°, 100%, 65%
HSV	212°, 70%, 100%
XYZ	33.5087, 33.5941, 99.3259
YIQ	145.4260, -79.6880, 12.4720

Conversions

Conversions Part 2

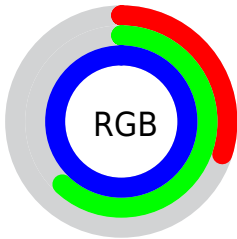
Format	Color
RYB	77, 133, 255
Decimal	5087231
CIELab	64.64, 5.64, -54.94
CIElCh	65, 55.224, 275.858
Yxy	33.5941, 0.2013, 0.2019
Android (android.graphics.Color)	4283277311 (0xFF4D9FFF)
YUV	145.4260, 54.0200, -60.0096
Hunter-Lab	57.9604, 1.7658, -61.0322

Details

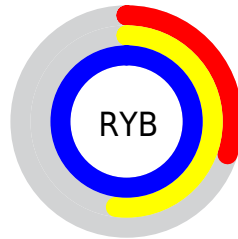
The YUV color **145.4260, 54.0200, -60.0096** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **186.5740, -54.0200, 60.0096**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1570, 28.5166, -46.6187**, and **85.9680, 55.2318, -75.3939** is the 20% darker color. If you saturate the color by 10%, you get **129.7330, 61.7566, -68.1718**, and if you desaturate by 10%, it is **161.4180, 46.1359, -51.2326**.

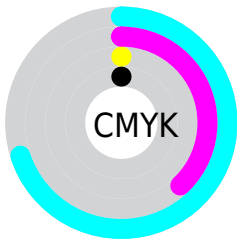
Distribution



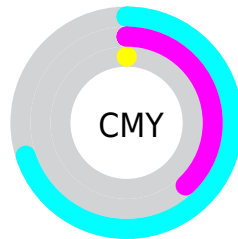
- Red (30%)
- Green (62%)
- Blue (100%)



- Red (30%)
- Yellow (52%)
- Blue (100%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4260, 54.0200, -60.0096 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 145.4260, 54.0200, -60.0096 by changing the saturation by 10% instead.

■ 145.4260, 54.0200,
-60.0096

■ 145.4260, 54.0200,
-60.0096

255.0000, 0.0000,
0.0000

■ 112.8050, 55.8051,
-72.6200

■ 197.1570, 28.5166,
-46.6187

■ 85.9680, 55.2318,
-75.3939

■ 222.8620, 15.8440,
-41.9750

■ 68.6880, 49.9468,
-60.2394

■ 240.3490, 7.2229,
-30.1241

■ 52.6960, 44.5199,
-46.2144

■ 249.6180, 2.6533,
-11.0660

■ 37.4050, 39.2403,
-32.8042

■ 23.4020, 33.8188,
-20.5236

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 145.4260, 54.0200,
-60.0096

■ 145.4260, 54.0200,
-60.0096

■ 129.7330, 61.7566,
-68.1718

■ 161.4180, 46.1359,
-51.2326

■ 113.7410, 69.6407,
-76.9489

■ 177.1110, 38.3993,
-43.0703

■ 98.6350, 77.0879,
-85.6259

■ 192.5160, 30.8046,
-33.7785

■ 97.7490, 77.5247,
-85.7259

■ 208.2090, 23.0680,
-25.6163

■ 224.2010, 15.1839,
-16.8393

■ 239.8940, 7.4473,
-8.6770

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



129.5950, 57.3877, -113.6548



145.4260, 54.0200, -60.0096



160.6260, 37.6524, 9.9750

Triad

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



145.4260, 54.0200, -60.0096



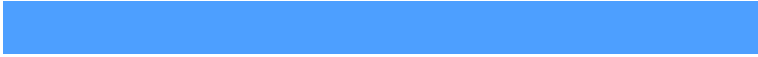
155.0130, -26.1354, 76.2876



130.0400, -7.9077, -77.2111

Complementary

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



145.4260, 54.0200, -60.0096



186.5740, -54.0200, 60.0096

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.



144.7750, -35.8781, -19.0967



145.4260, 54.0200, -60.0096



154.1740, -43.9628, 54.2214

Square

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



145.4260, 54.0200, -60.0096



156.5830, -3.7384, 79.2957



150.4120, -48.5171, 21.5637



125.0570, 19.6919, -109.6750

Rectangle

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



145.4260, 54.0200, -60.0096



161.3330, 25.4718, 43.5580



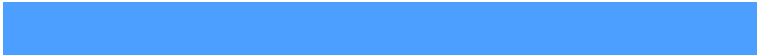
150.4120, -48.5171, 21.5637



137.9200, -19.1876, -52.5498

Sweetspot

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



145.4260, 54.0200, -60.0096



221.8310, 16.3523, -18.2688



192.3160, -10.0158, -101.1321



107.8660, 9.9261, -10.4065



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.



145.4260, 54.0200, -60.0096



122.9220, 65.1145, -71.8456



99.0860, 76.8656, -14.1074



120.0040, 3.9420, -4.3885



73.4300, 57.9620, -64.3981



24.3190, 19.5627, -21.3278

Inverse Universe

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



139.5700, 9.5790, 101.2321



116.1580, 11.2611, 121.7644



232.9140, -76.8656, 14.1074



119.5710, 0.7045, 7.3922



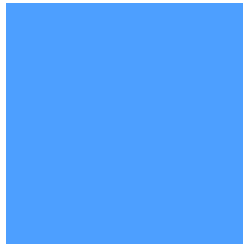
67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 145.4260, 54.0200, -60.0096 looks on a white background.

Color Contrast Check

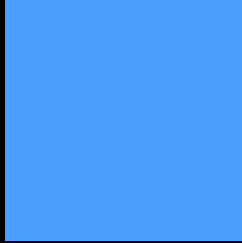
Large Text (above 18pt) WCAG AA × Fail

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 145.4260, 54.0200, -60.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

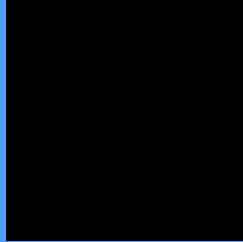
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

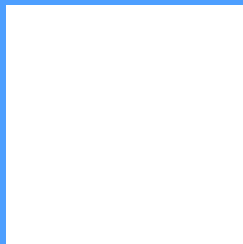
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.4260, 54.0200, -60.0096

Background



This preview shows how black text looks on a background with the YUV color 145.4260, 54.0200, -60.0096.



This preview shows how white text looks on a background with the YUV color 145.4260, 54.0200, -60.0096.

-60.0096.

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

145.4260, 54.0200, -60.0096

Protanopia

153.7780, 46.9444, -30.5003

Deuteranopia

149.0360, 52.2403, -49.1436

Trichromacy



Original Color

145.4260, 54.0200, -60.0096

Protanomaly

150.6950, 49.4504, -40.9515

Deuteranomaly

147.8290, 52.8353, -53.3470

Monochromacy



Original Color

145.4260, 54.0200, -60.0096

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0200, 19.7101, -21.9425

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4260, 54.0200, -60.0096 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(77, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 159, 255)  
}
```

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(77, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 159, 255) }
```

Border

The CSS property to change the border of an element to YUV 145.4260, 54.0200, -60.0096 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(77, 159, 255) }
```

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

```
.border{ border-color:rgb(77, 159, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 159, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 159, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 159,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 145.4260, 54.0200, -60.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 159, 255) }
```

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

```
.background{ background-color: rgb(77, 159,  
255) }
```

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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