

Converting Colors

YUV(139.6400, 52.9285,
-36.5183)

Have a look what the booklet for
YUV(139.6400, 52.9285, -36.5183)
contains.

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Color

**YUV(139.6400, 52.9285,
-36.5183)**

Conversions

Conversions Part 1

Format	Color
Hex	628CF7
RGB	98, 140, 247
RGB Percent	38%, 55%, 97%
CMY	0.6157, 0.4510, 0.0314
CMYK	0.60, 0.43, 0.00, 0.03
HSL	223°, 90%, 68%
HSV	223°, 60%, 97%
XYZ	31.2036, 28.0682, 91.7688
YIQ	139.6400, -59.3790, 24.3730

Conversions

Conversions Part 2

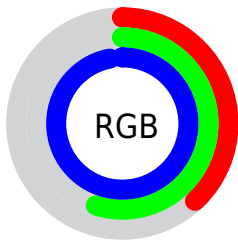
Format	Color
R _Y B	98, 131, 247
Decimal	6458615
CIE Lab	59.95, 17.55, -57.97
CIE LCh	60, 60.569, 286.846
Yxy	28.0682, 0.2066, 0.1858
Android (android.graphics.Color)	4284648695 (0xFF628CF7)
YUV	139.6400, 52.9285, -36.5183
Hunter-Lab	52.9795, 12.4180, -65.6140

Details

The YUV color **139.6400, 52.9285, -36.5183** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **205.3600, -52.9285, 36.5183**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9020, 32.0933, -27.1011**, and **79.2630, 54.5933, -57.2357** is the 20% darker color. If you saturate the color by 10%, you get **121.5990, 61.8227, -42.6213**, and if you desaturate by 10%, it is **157.6810, 44.0343, -30.4152**.

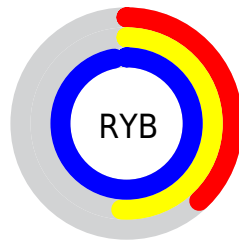
Distribution



Red (38%)

Green (55%)

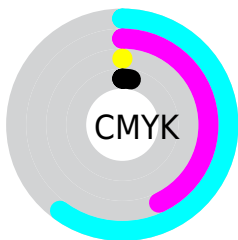
Blue (97%)



Red (38%)

Yellow (51%)

Blue (97%)

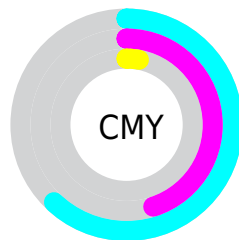


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.6400, 52.9285, -36.5183 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 139.6400, 52.9285, -36.5183 by changing the saturation by 10% instead.

■ 139.6400, 52.9285,
-36.5183

■ 139.6400, 52.9285,
-36.5183

■ 255.0000, 0.0000,
0.0000

■ 111.4930, 52.5080,
-41.6514

■ 189.9020, 32.0933,
-27.1011

■ 79.2630, 54.5933,
-57.2357

■ 215.3080, 19.5682,
-23.0721

■ 58.3840, 51.0827,
-51.2028

■ 241.0130, 6.8956,
-18.4284

■ 42.5060, 46.0925,
-37.2778

■ 253.5050, 0.7370,
-3.0739

■ 28.3890, 40.2342,
-24.8972

■ 9.6900, 37.1278,
-8.4981

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 139.6400, 52.9285,
-36.5183

■ 139.6400, 52.9285,
-36.5183

■ 121.5990, 61.8227,
-42.6213

■ 157.6810, 44.0343,
-30.4152

■ 104.4440, 70.2801,
-48.6244

■ 174.8360, 35.5769,
-24.4122

■ 86.4030, 79.1743,
-54.7274

■ 192.8770, 26.6826,
-18.3091

■ 69.2480, 87.6317,
-60.7305

■ 210.9180, 17.7884,
-12.2061

■ 228.9590, 8.8942,
-6.1030

■ 246.1140, 0.4368,
-0.1000

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



120.4310, 62.8915, -105.6180



139.6400, 52.9285, -36.5183



148.8460, 34.0929, 31.7071

Triad

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



139.6400, 52.9285, -36.5183



141.0700, -36.0235, 74.4836



112.0680, 2.9245, -98.2836

Complementary

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



139.6400, 52.9285, -36.5183



205.3600, -52.9285, 36.5183

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.



126.6520, -29.4084, -40.9138



139.6400, 52.9285, -36.5183



138.6000, -53.5398, 45.9548

Square

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



139.6400, 52.9285, -36.5183



141.1620, -11.9119, 87.5579



134.4720, -52.9837, 7.4791



119.6260, 26.8064, -104.9120

Rectangle

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



139.6400, 52.9285, -36.5183



146.3740, 20.0286, 62.8160



134.4720, -52.9837, 7.4791



109.4290, -4.6485, -95.9692

Sweetspot

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



139.6400, 52.9285, -36.5183



221.8750, 16.3306, -11.2914



197.6610, 3.6181, -87.4027



107.0020, 10.3520, -7.0178



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.



139.6400, 52.9285, -36.5183



122.5000, 65.3225, -45.1655



124.5540, 60.3659, 4.7761



113.7160, 4.0840, -3.2589



51.7280, 66.1961, -45.3655



16.7050, 20.8514, -14.6503

Inverse Universe

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



147.3390, -3.6181, 87.4027



131.9440, -4.4094, 107.9201



220.4460, -60.3659, -4.7761



114.0440, -0.0217, 6.9774



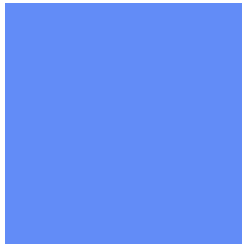
61.5420, -4.7042, 109.1497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 139.6400, 52.9285, -36.5183 looks on a white background.

Color Contrast Check

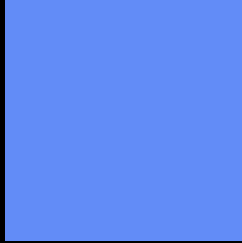
Large Text (above 18pt) WCAG AA ✓ Pass

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 139.6400, 52.9285, -36.5183 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

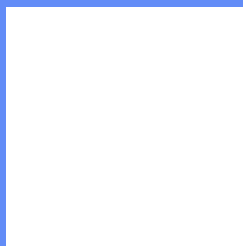
Any Text WCAG AAA × Fail

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

YUV 139.6400, 52.9285, -36.5183 Background



This preview shows how black text looks on a background with the YUV color 139.6400, 52.9285, -36.5183.



This preview shows how white text looks on a background with the YUV color 139.6400, 52.9285, -36.5183.

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

139.6400, 52.9285, -36.5183

Protanopia

139.3410, 53.0759, -37.1331

Deuteranopia

133.4910, 55.4669, -57.4356



Tritanopia

130.3760, 19.5346, -59.0888

Trichromacy



Original Color

139.6400, 52.9285, -36.5183

Protanomaly

139.3410, 53.0759, -37.1331

Deuteranomaly

135.6060, 54.4242, -49.6435

Tritanomaly

133.9330, 31.5850, -50.8072

Monochromacy



Original Color

139.6400, 52.9285, -36.5183

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.9610, 19.2462, -13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.6400, 52.9285, -36.5183 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(98, 140, 247)` looks like.

```
.text, #text, p{  
    color:rgb(98, 140, 247)  
}
```

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(98, 140, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 140, 247) }
```

Border

The CSS property to change the border of an element to YUV 139.6400, 52.9285, -36.5183 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(98, 140, 247) }
```


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

```
.border{ border-color:rgb(98, 140, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 140, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 140, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 140, 247);  
box-shadow:4px 4px 4px 4px rgb(98, 140,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 139.6400, 52.9285, -36.5183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 140, 247) }
```

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

```
.background{ background-color: rgb(98, 140,  
247) }
```

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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