

Converting Colors

YUV(136.1940, 52.6554,
-42.2661)

Have a look what the booklet for
YUV(136.1940, 52.6554, -42.2661)
contains.

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Color

**YUV(136.1940, 52.6554,
-42.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	588CF3
RGB	88, 140, 243
RGB Percent	35%, 55%, 95%
CMY	0.6549, 0.4510, 0.0471
CMYK	0.64, 0.42, 0.00, 0.05
HSL	220°, 87%, 65%
HSV	220°, 64%, 95%
XYZ	29.5802, 27.3019, 88.5048
YIQ	136.1940, -64.0550, 21.0090

Conversions

Conversions Part 2

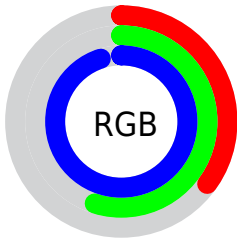
Format	Color
R _Y B	88, 127, 243
Decimal	5803251
CIE Lab	59.25, 14.47, -56.91
CIE LCh	59, 58.717, 284.269
Yxy	27.3019, 0.2035, 0.1878
Android (android.graphics.Color)	4283993331 (0xFF588CF3)
YUV	136.1940, 52.6554, -42.2661
Hunter-Lab	52.2513, 9.6119, -63.8513

Details

The YUV color **136.1940, 52.6554, -42.2661** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **194.8060, -52.6554, 42.2661**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2110, 33.4200, -32.6340**, and **74.6210, 54.9098, -65.4426** is the 20% darker color. If you saturate the color by 10%, you get **119.6260, 60.8234, -48.7840**, and if you desaturate by 10%, it is **152.7620, 44.4873, -35.7483**.

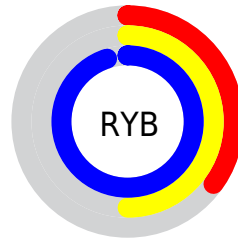
Distribution



Red (35%)

Green (55%)

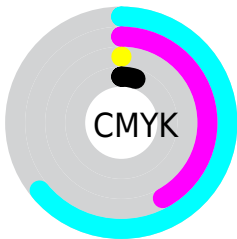
Blue (95%)



Red (35%)

Yellow (50%)

Blue (95%)

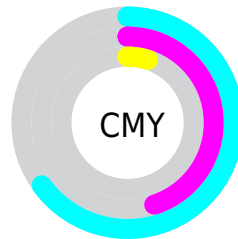


Cyan (64%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1940, 52.6554, -42.2661 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 136.1940, 52.6554, -42.2661 by changing the saturation by 10% instead.

■ 136.1940, 52.6554,
-42.2661

■ 136.1940, 52.6554,
-42.2661

255.0000, 0.0000,
0.0000

■ 107.4490, 52.5296,
-48.6288

■ 187.2110, 33.4200,
-32.6340

■ 74.6210, 54.9098,
-65.4426

■ 212.9160, 20.7474,
-27.9903

■ 58.0420, 49.7723,
-50.9028

■ 238.3220, 8.2223,
-23.9614

■ 42.6370, 44.0560,
-37.3926

■ 251.1130, 1.9163,
-7.9921

■ 27.9330, 38.4870,
-24.4972

■ 10.4080, 34.8019,
-9.1278

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 136.1940, 52.6554,
-42.2661

■ 136.1940, 52.6554,
-42.2661

■ 119.6260, 60.8234,
-48.7840

■ 152.7620, 44.4873,
-35.7483

■ 102.7590, 69.1388,
-55.9166

■ 169.6290, 36.1719,
-28.6156

■ 86.1910, 77.3068,
-62.4345

■ 186.1970, 28.0039,
-22.0978

■ 75.8360, 82.4119,
-66.5082

■ 203.3520, 19.5465,
-16.0947

■ 219.9200, 11.3784,
-9.5768

■ 236.7870, 3.0630,
-2.4442

■ 252.4580, -4.6628,
2.2293

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



119.1600, 60.5601, -104.5033



136.1940, 52.6554, -42.2661



146.9270, 34.5460, 26.3740

Triad

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



136.1940, 52.6554, -42.2661



139.2810, -32.6765, 74.2986



110.3240, 1.3193, -96.7541

Complementary

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



136.1940, 52.6554, -42.2661



194.8060, -52.6554, 42.2661

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.



126.6420, -30.8825, -34.7660



136.1940, 52.6554, -42.2661



137.8220, -50.1982, 47.5141

Square

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



136.1940, 52.6554, -42.2661



139.4220, -9.5750, 84.6989



133.8360, -51.6841, 10.6678



117.0670, 24.6170, -102.6678

Rectangle

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



136.1940, 52.6554, -42.2661



145.5690, 20.9185, 57.3830



133.8360, -51.6841, 10.6678



107.2120, -5.5275, -94.0249

Sweetspot

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



136.1940, 52.6554, -42.2661



221.8640, 16.3360, -13.0357



190.4990, -0.7390, -89.8916



107.2900, 10.2100, -8.1473



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.



136.1940, 52.6554, -42.2661



120.0860, 66.5126, -53.5724



112.5470, 64.3133, -1.3567



113.7160, 4.0840, -3.2589



57.5980, 63.3022, -50.5134



18.4660, 19.9833, -16.1947

Inverse Universe

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



140.2730, -0.1346, 90.0916



125.1280, -0.0631, 113.8977



218.4530, -64.3133, 1.3567



114.0440, -0.0217, 6.9774



62.6820, -0.3362, 108.1499



19.9210, 0.0389, 34.2723

Previews

White Background



This preview shows how the YUV color 136.1940, 52.6554, -42.2661 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 136.1940, 52.6554, -42.2661 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

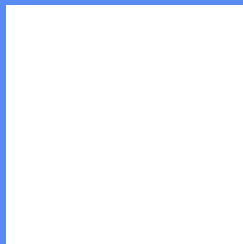
Any Text WCAG AAA × Fail

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

YUV 136.1940, 52.6554, -42.2661 Background



This preview shows how black text looks on a background with the YUV color 136.1940, 52.6554, -42.2661.



This preview shows how white text looks on a background with the YUV color 136.1940, 52.6554, -42.2661.

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

136.1940, 52.6554, -42.2661

Protanopia

137.5970, 51.4707, -35.6036

Deuteranopia

131.8610, 54.2985, -56.0061



Tritanopia

124.8910, 21.7457, -68.3104

Trichromacy



Original Color

136.1940, 52.6554, -42.2661

Protanomaly

137.2870, 51.6235, -37.9627

Deuteranomaly

133.3670, 53.5561, -51.1879

Tritanomaly

128.9320, 33.0645, -58.6994

Monochromacy



Original Color

136.1940, 52.6554, -42.2661

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9500, 19.2517, -14.8651

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1940, 52.6554, -42.2661 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(88, 140, 243)` looks like.

```
.text, #text, p{  
    color:rgb(88, 140, 243)  
}
```

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(88, 140, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 140, 243) }
```

Border

The CSS property to change the border of an element to YUV 136.1940, 52.6554, -42.2661 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(88, 140, 243) }
```


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

```
.border{ border-color:rgb(88, 140, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 140, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 140, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 140, 243);  
box-shadow:4px 4px 4px 4px rgb(88, 140,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 136.1940, 52.6554, -42.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 140, 243) }
```

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

```
.background{ background-color: rgb(88, 140,  
243) }
```

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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