

Converting Colors

YUV(140.1650, 56.6137,
-51.8877)

Have a look what the booklet for
YUV(140.1650, 56.6137, -51.8877)
contains.

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Color

**YUV(140.1650, 56.6137,
-51.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	5194FF
RGB	81, 148, 255
RGB Percent	32%, 58%, 100%
CMY	0.6824, 0.4196, 0.0000
CMYK	0.68, 0.42, 0.00, 0.00
HSL	217°, 100%, 66%
HSV	217°, 68%, 100%
XYZ	32.0332, 30.1491, 98.7388
YIQ	140.1650, -74.2790, 19.0730

Conversions

Conversions Part 2

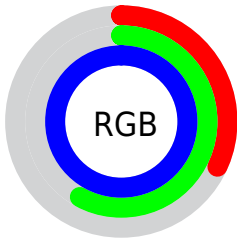
Format	Color
R _Y B	81, 129, 255
Decimal	5346559
CIE Lab	61.78, 12.69, -59.48
CIE LCh	62, 60.815, 282.040
Yxy	30.1491, 0.1991, 0.1874
Android (android.graphics.Color)	4283536639 (0xFF5194FF)
YUV	140.1650, 56.6137, -51.8877
Hunter-Lab	54.9082, 8.0468, -68.1825

Details

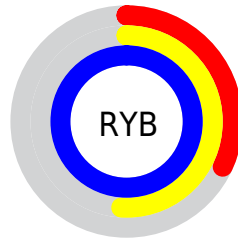
The YUV color **140.1650, 56.6137, -51.8877** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **195.8350, -56.6137, 51.8877**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5970, 31.2577, -39.1116**, and **80.0980, 58.1257, -70.2459** is the 20% darker color. If you saturate the color by 10%, you get **123.2980, 64.9291, -59.0203**, and if you desaturate by 10%, it is **157.0320, 48.2982, -44.7551**.

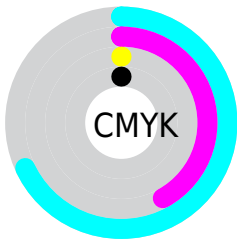
Distribution



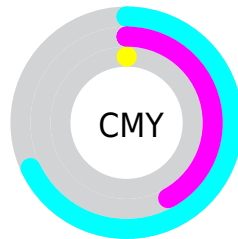
- Red (32%)
- Green (58%)
- Blue (100%)



- Red (32%)
- Yellow (51%)
- Blue (100%)



- Cyan (68%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.1650, 56.6137, -51.8877 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 140.1650, 56.6137, -51.8877 by changing the saturation by 10% instead.

■ 140.1650, 56.6137,
-51.8877

■ 140.1650, 56.6137,
-51.8877

255.0000, 0.0000,
0.0000

■ 109.3270, 57.5198,
-62.5538

■ 191.5970, 31.2577,
-39.1116

■ 80.0980, 58.1257,
-70.2459

■ 216.7150, 18.8745,
-33.9531

■ 63.4050, 52.5513,
-55.6062

■ 241.2460, 6.7807,
-28.2797

■ 47.4130, 47.1244,
-41.5812

■ 250.2160, 2.3585,
-9.8364

■ 33.2960, 41.2661,
-29.2006

■ 16.2440, 36.8547,
-14.2460

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 140.1650, 56.6137,
-51.8877

■ 140.1650, 56.6137,
-51.8877

■ 123.2980, 64.9291,
-59.0203

■ 157.0320, 48.2982,
-44.7551

■ 106.7190, 73.1025,
-67.2826

■ 173.6110, 40.1248,
-36.4928

■ 89.8520, 81.4180,
-74.4152

■ 190.7770, 31.6619,
-28.7454

■ 86.5960, 83.0232,
-75.9447

■ 207.6440, 23.3465,
-21.6128

■ 224.2230, 15.1731,
-13.3506

■ 241.0900, 6.8576,
-6.2179

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.



124.9960, 62.6130, -109.6215



140.1650, 56.6137, -51.8877



153.4150, 37.7564, 23.3150

Triad

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



140.1650, 56.6137, -51.8877



145.9010, -32.9822, 79.0168



114.5470, -0.2697, -100.4577

Complementary

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



140.1650, 56.6137, -51.8877



195.8350, -56.6137, 51.8877

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.



133.7410, -34.3823, -32.2219



140.1650, 56.6137, -51.8877



144.5020, -51.5195, 51.3027

Square

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



140.1650, 56.6137, -51.8877



146.1990, -7.9861, 88.4025



140.0600, -54.7526, 14.8564



122.1050, 23.6122, -107.0861

Rectangle

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



140.1650, 56.6137, -51.8877



152.3670, 23.9761, 56.6831



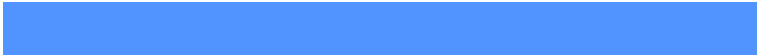
140.0600, -54.7526, 14.8564



117.0020, -10.3540, -85.9478

Sweetspot

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



140.1650, 56.6137, -51.8877



221.5540, 16.4889, -15.3949



194.9940, -4.9270, -99.9727



107.5780, 10.0680, -9.2769



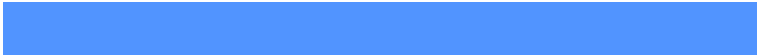
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



140.1650, 56.6137, -51.8877



116.7860, 68.1395, -62.0793



105.9190, 73.4969, -6.9450



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Inverse Universe

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



140.6640, 3.6166, 100.2727



117.6110, 4.1358, 120.4902



230.0810, -73.4969, 6.9450



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 140.1650, 56.6137, -51.8877 looks on a white background.

Color Contrast Check

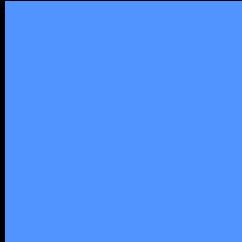
Large Text (above 18pt) WCAG AA × Fail

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 140.1650, 56.6137, -51.8877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

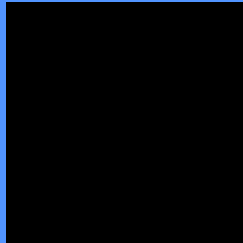
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

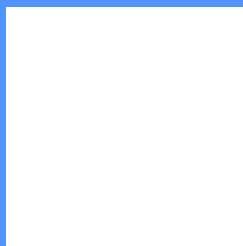
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 140.1650, 56.6137, -51.8877

Background



This preview shows how black text looks on a background with the YUV color 140.1650, 56.6137, -51.8877.



This preview shows how white text looks on a background with the YUV color 140.1650, 56.6137, -51.8877.

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

140.1650, 56.6137, -51.8877

Protanopia

144.3410, 53.0759, -37.1331

Deuteranopia

137.4520, 57.9512, -60.9094



Tritanopia

119.8380, 28.6739, -97.2049

Trichromacy



Original Color

140.1650, 56.6137, -51.8877

Protanomaly

142.6500, 54.4025, -42.6661

Deuteranomaly

138.3600, 57.5035, -57.3207

Tritanomaly

127.2820, 38.8080, -80.9313

Monochromacy



Original Color

140.1650, 56.6137, -51.8877

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2700, 20.5729, -18.6538

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1650, 56.6137, -51.8877 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(81, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 148, 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(81, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 148, 255) }
```

Border

The CSS property to change the border of an element to YUV 140.1650, 56.6137, -51.8877 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(81, 148, 255) }
```


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

```
.border{ border-color:rgb(81, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 140.1650, 56.6137, -51.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 148, 255) }
```

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

```
.background{ background-color: rgb(81, 148,  
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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