

Converting Colors

YUV(137.3020, 35.3471,
-44.1149)

Have a look what the booklet for
YUV(137.3020, 35.3471, -44.1149)
contains.

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Color

**YUV(137.3020, 35.3471,
-44.1149)**

Conversions

Conversions Part 1

Format	Color
Hex	5795D1
RGB	87, 149, 209
RGB Percent	34%, 58%, 82%
CMY	0.6588, 0.4157, 0.1804
CMYK	0.58, 0.29, 0.00, 0.18
HSL	210°, 57%, 58%
HSV	210°, 58%, 82%
XYZ	26.1865, 28.1246, 64.3700
YIQ	137.3020, -56.2120, 5.5160

Conversions

Conversions Part 2

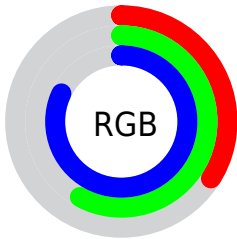
Format	Color
R _Y B	87, 128, 209
Decimal	5739985
CIE Lab	60.00, -2.24, -36.82
CIE LCh	60, 36.888, 266.516
Yxy	28.1246, 0.2206, 0.2370
Android (android.graphics.Color)	4283930065 (0xFF5795D1)
YUV	137.3020, 35.3471, -44.1149
Hunter-Lab	53.0326, -4.6670, -34.8423

Details

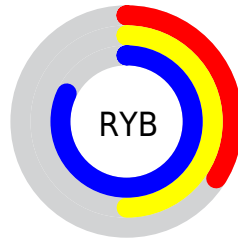
The YUV color **137.3020, 35.3471, -44.1149** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **158.6980, -35.3471, 44.1149**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.5860, 31.2631, -40.8559**, and **78.6590, 37.1431, -60.2139** is the 20% darker color. If you saturate the color by 10%, you get **125.1530, 41.3366, -51.8772**, and if you desaturate by 10%, it is **149.4510, 29.3577, -36.3525**.

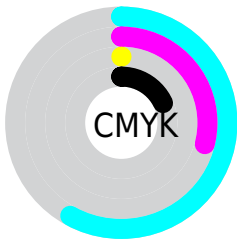
Distribution



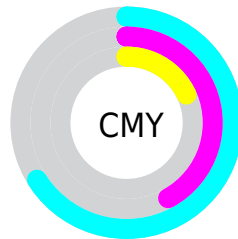
- Red (34%)
- Green (58%)
- Blue (82%)



- Red (34%)
- Yellow (50%)
- Blue (82%)



- Cyan (58%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.3020, 35.3471, -44.1149 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 137.3020, 35.3471, -44.1149 by changing the saturation by 10% instead.

■ 137.3020, 35.3471,
-44.1149

■ 137.3020, 35.3471,
-44.1149

255.0000, 0.0000,
0.0000

■ 109.5790, 35.2106,
-46.9888

■ 191.5860, 31.2631,
-40.8559

■ 78.6590, 37.1431,
-60.2139

■ 216.6930, 18.8854,
-37.4418

■ 58.6170, 34.2058,
-51.4071

■ 239.4520, 7.6652,
-31.9684

■ 42.8530, 29.6525,
-37.5821

■ 248.4220, 3.2430,
-13.5251

■ 27.6760, 24.8097,
-24.2719

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 137.3020, 35.3471,
-44.1149

■ 137.3020, 35.3471,
-44.1149

■ 125.1530, 41.3366,
-51.8772

■ 149.4510, 29.3577,
-36.3525

■ 112.4170, 47.6154,
-59.1247

■ 162.1870, 23.0788,
-29.1050

■ 100.2680, 53.6049,
-66.8870

■ 174.3360, 17.0894,
-21.3427

■ 88.1190, 59.5943,
-74.6494

■ 186.4850, 11.0999,
-13.5803

■ 86.0480, 60.6153,
-75.4641

■ 198.6340, 5.1104,
-5.8180

■ 211.0710, -1.0210,
0.8147

■ 223.2200, -7.0105,
8.5771

■ 235.3690,
-12.9999, 16.3394

■ 242.1250,
-16.3306, 11.2914

Harmonies

Analogous

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



114.7310, 41.0516, -100.6191



137.3020, 35.3471, -44.1149



146.6060, 27.8022, -4.0395

Triad

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



137.3020, 35.3471, -44.1149



146.2580, -14.4242, 53.2707



134.0610, -12.8481, -32.5025

Complementary

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



137.3020, 35.3471, -44.1149



158.6980, -35.3471, 44.1149

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.



138.9910, -26.6176, -2.6231



137.3020, 35.3471, -44.1149



144.6900, -26.4692, 43.2449

Square

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



137.3020, 35.3471, -44.1149



147.6500, 1.1586, 48.5420



142.3040, -31.2089, 23.4124



124.5200, 7.6316, -67.9850

Rectangle

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



137.3020, 35.3471, -44.1149



148.2130, 20.6010, 19.1072



142.3040, -31.2089, 23.4124



136.0470, -18.2642, -21.9662

Sweetspot

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



137.3020, 35.3471, -44.1149



227.7450, 13.4367, -16.4394



165.3400, -9.5346, -68.7042



111.1110, 8.3263, -10.6213



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.



137.3020, 35.3471, -44.1149



150.1220, 51.7049, -64.1280



102.0820, 52.7106, -13.2269



98.1890, 3.3578, -3.6738



69.6340, 48.4944, -61.0690



17.0010, 11.8315, -14.9099

Inverse Universe

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



130.5460, 9.0978, 68.8042



140.4820, 13.0734, 100.4323



193.9180, -52.7106, 13.2269



97.8590, 0.5625, 6.2627



60.0360, 12.8003, 94.6844



14.6530, 3.1291, 23.1063

Previews

White Background



This preview shows how the YUV color 137.3020, 35.3471, -44.1149 looks on a white background.

Color Contrast Check

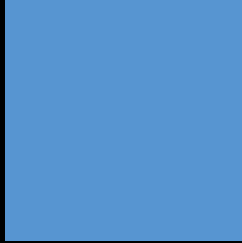
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3020, 35.3471, -44.1149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

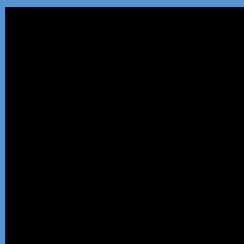
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

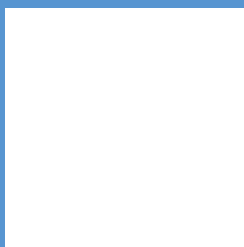
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3020, 35.3471, -44.1149

Background



This preview shows how black text looks on a background with the YUV color 137.3020, 35.3471, -44.1149.



This preview shows how white text looks on a background with the YUV color 137.3020, 35.3471, -44.1149.

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

137.3020, 35.3471, -44.1149

Protanopia

143.8710, 29.1506, -16.5499

Deuteranopia

142.5650, 33.2455, -23.2975



Tritanopia

132.3550, 18.0660, -54.6853

Trichromacy



Original Color

137.3020, 35.3471, -44.1149

Protanomaly

141.6740, 31.2197, -26.9011

Deuteranomaly

140.4500, 34.2882, -31.0896

Tritanomaly

134.0980, 24.6017, -50.9519

Monochromacy



Original Color

137.3020, 35.3471, -44.1149

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9300, 12.8525, -15.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3020, 35.3471, -44.1149 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(87, 149, 209)` looks like.

```
.text, #text, p{  
    color:rgb(87, 149, 209)  
}
```

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(87, 149, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 149, 209) }
```

Border

The CSS property to change the border of an element to YUV 137.3020, 35.3471, -44.1149 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(87, 149, 209) }
```


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

```
.border{ border-color:rgb(87, 149, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 149, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 149, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 149, 209);  
box-shadow:4px 4px 4px 4px rgb(87, 149,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 137.3020, 35.3471, -44.1149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 149, 209) }
```

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

```
.background{ background-color: rgb(87, 149,  
209) }
```

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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