

Converting Colors

YUV(144.7310, 34.6426,
-51.5071)

Have a look what the booklet for
YUV(144.7310, 34.6426, -51.5071)
contains.

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Color

**YUV(144.7310, 34.6426,
-51.5071)**

Conversions

Conversions Part 1

Format	Color
Hex	56A1D7
RGB	86, 161, 215
RGB Percent	34%, 63%, 84%
CMY	0.6627, 0.3686, 0.1569
CMYK	0.60, 0.25, 0.00, 0.16
HSL	205°, 62%, 59%
HSV	205°, 60%, 84%
XYZ	28.8484, 32.3745, 69.0184
YIQ	144.7310, -62.0340, 0.8940

Conversions

Conversions Part 2

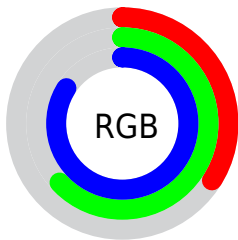
Format	Color
R _Y B	86, 133, 215
Decimal	5677527
CIE Lab	63.65, -7.30, -34.47
CIE LCh	64, 35.239, 258.036
Yxy	32.3745, 0.2215, 0.2486
Android (android.graphics.Color)	4283867607 (0xFF56A1D7)
YUV	144.7310, 34.6426, -51.5071
Hunter-Lab	56.8986, -9.0705, -32.0902

Details

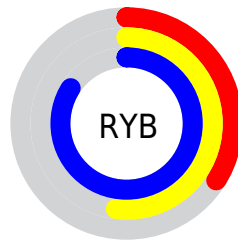
The YUV color **144.7310, 34.6426, -51.5071** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **156.2690, -34.6426, 51.5071**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2170, 27.5010, -47.5483**, and **82.8100, 38.0547, -72.6244** is the 20% darker color. If you saturate the color by 10%, you get **133.1690, 40.3427, -59.7842**, and if you desaturate by 10%, it is **156.5920, 28.7951, -42.6152**.

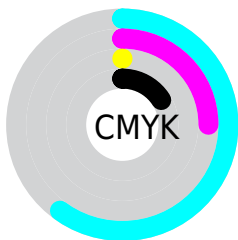
Distribution



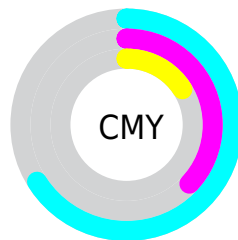
- Red (34%)
- Green (63%)
- Blue (84%)



- Red (34%)
- Yellow (52%)
- Blue (84%)



- Cyan (60%)
- Magenta (25%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (37%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.7310, 34.6426, -51.5071 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 144.7310, 34.6426, -51.5071 by changing the saturation by 10% instead.

■ 144.7310, 34.6426,
-51.5071

■ 144.7310, 34.6426,
-51.5071

255.0000, 0.0000,
0.0000

■ 116.4100, 34.8009,
-55.6106

■ 199.2170, 27.5010,
-47.5483

■ 82.8100, 38.0547,
-72.6244

■ 224.6230, 14.9759,
-43.5194

■ 65.1710, 33.9327,
-57.1550

■ 239.7510, 7.5178,
-31.3536

■ 48.7060, 29.2319,
-42.7152

■ 248.7210, 3.0955,
-12.9103

■ 33.5290, 24.3892,
-29.4049

■ 19.1670, 20.1307,
-16.8095

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 144.7310, 34.6426,
-51.5071

■ 144.7310, 34.6426,
-51.5071

■ 133.1690, 40.3427,
-59.7842

■ 156.5920, 28.7951,
-42.6152

■ 121.3080, 46.1902,
-68.6761

■ 168.1540, 23.0951,
-34.3381

■ 109.4470, 52.0376,
-77.5680

■ 180.0150, 17.2476,
-25.4462

■ 97.8850, 57.7377,
-85.8451

■ 191.5770, 11.5475,
-17.1690

■ 203.4380, 5.7001,
-8.2771

■ 215.0000, 0.0000,
0.0000

■ 226.8610, -5.8475,
8.8919

■ 237.5260,
-11.1053, 15.3247

■ 242.8090,
-13.7098, 10.6915

Harmonies

Analogous

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



129.4890, 34.7619, -89.8829



144.7310, 34.6426, -51.5071



154.5940, 29.2872, -13.6759

Triad

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



144.7310, 34.6426, -51.5071



156.3980, -10.0562, 52.2710



145.9760, -17.2432, -22.7810

Complementary

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



144.7310, 34.6426, -51.5071



156.2690, -34.6426, 51.5071

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.



149.9920, -28.0971, 5.2690



144.7310, 34.6426, -51.5071



154.7380, -22.5488, 45.8338

Square

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



144.7310, 34.6426, -51.5071



157.9420, 4.9586, 43.0239



153.0920, -29.6254, 28.8603



139.3710, 0.3101, -52.9454

Rectangle

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



144.7310, 34.6426, -51.5071



157.7280, 22.8121, 9.8855



153.0920, -29.6254, 28.8603



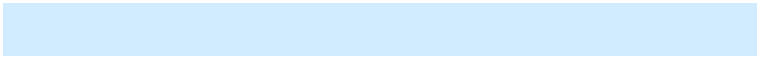
147.8910, -21.6383, -13.0594

Sweetspot

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



144.7310, 34.6426, -51.5071



230.0930, 12.2792, -18.4986



167.8790, -13.7443, -71.8079



112.2850, 7.7475, -11.6509



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.



144.7310, 34.6426, -51.5071



154.7850, 49.4060, -73.4794



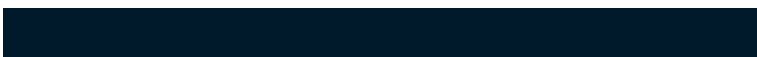
107.1630, 53.1636, -18.5600



101.3630, 2.7790, -4.7034



77.6070, 46.0427, -68.0613



19.5770, 11.5475, -17.1690

Inverse Universe

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



133.1210, 13.7443, 71.8079



138.2140, 19.6145, 102.4213



193.8370, -53.1636, 18.5600



100.0870, 1.4361, 6.0627



62.4150, 18.0364, 95.2290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 144.7310, 34.6426, -51.5071 looks on a white background.

Color Contrast Check

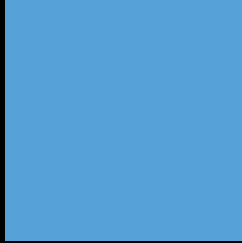
Large Text (above 18pt) WCAG AA × Fail

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 144.7310, 34.6426, -51.5071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

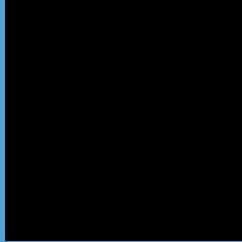
Any Text WCAG AA ✓ Pass

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 144.7310, 34.6426, -51.5071 Background



This preview shows how black text looks on a background with the YUV color 144.7310, 34.6426, -51.5071.



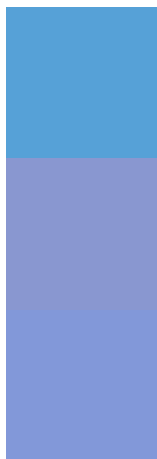
This preview shows how white text looks on a background with the YUV color 144.7310, 34.6426, -51.5071.

-51.5071.

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

144.7310, 34.6426, -51.5071

Protanopia

153.3120, 26.9612, -14.3056

Deuteranopia

152.8320, 31.6348, -20.0237



Tritanopia

139.8920, 20.2662, -60.4183

Trichromacy



Original Color

144.7310, 34.6426, -51.5071

Protanomaly

150.3210, 29.9147, -28.3455

Deuteranomaly

149.6950, 32.6884, -31.3045

Tritanomaly

141.5810, 25.3496, -57.5145

Monochromacy



Original Color

144.7310, 34.6426, -51.5071

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0930, 12.2792, -18.4986

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.7310, 34.6426, -51.5071 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(86, 161, 215)` looks like.

```
.text, #text, p{  
    color:rgb(86, 161, 215)  
}
```

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(86, 161, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 161, 215) }
```

Border

The CSS property to change the border of an element to YUV 144.7310, 34.6426, -51.5071 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(86, 161, 215) }
```


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

```
.border{ border-color:rgb(86, 161, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 161, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 161, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 161, 215);  
box-shadow:4px 4px 4px 4px rgb(86, 161,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 144.7310, 34.6426, -51.5071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 161, 215) }
```

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

```
.background{ background-color: rgb(86, 161,  
215) }
```

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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