

Converting Colors

YUV(130.2310, 53.1301,
-54.5766)

Have a look what the booklet for
YUV(130.2310, 53.1301, -54.5766)
contains.

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Color

**YUV(130.2310, 53.1301,
-54.5766)**

Conversions

Conversions Part 1

Format	Color
Hex	448DEE
RGB	68, 141, 238
RGB Percent	27%, 55%, 93%
CMY	0.7333, 0.4471, 0.0667
CMYK	0.71, 0.41, 0.00, 0.07
HSL	214°, 83%, 60%
HSV	214°, 71%, 93%
XYZ	27.3414, 26.4517, 84.5536
YIQ	130.2310, -74.6450, 14.6910

Conversions

Conversions Part 2

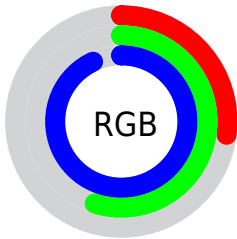
Format	Color
R _Y B	68, 119, 238
Decimal	4492782
CIE Lab	58.46, 9.10, -55.45
CIE LCh	58, 56.189, 279.321
Yxy	26.4517, 0.1976, 0.1912
Android (android.graphics.Color)	4282682862 (0xFF448DEE)
YUV	130.2310, 53.1301, -54.5766
Hunter-Lab	51.4313, 4.8877, -61.4716

Details

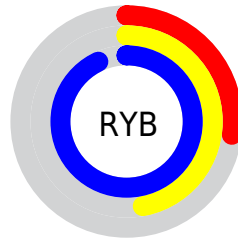
The YUV color **130.2310, 53.1301, -54.5766** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **175.7690, -53.1301, 54.5766**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3130, 35.3417, -42.3705**, and **74.6380, 52.4365, -65.4575** is the 20% darker color. If you saturate the color by 10%, you get **114.8370, 60.7194, -62.1240**, and if you desaturate by 10%, it is **145.6250, 45.5409, -47.0291**.

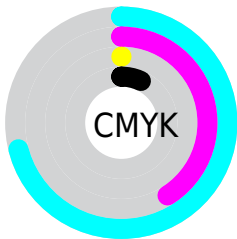
Distribution



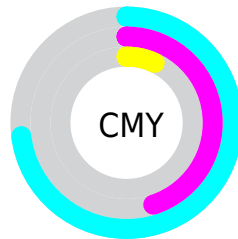
- Red (27%)
- Green (55%)
- Blue (93%)



- Red (27%)
- Yellow (47%)
- Blue (93%)



- Cyan (71%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2310, 53.1301, -54.5766 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 130.2310, 53.1301, -54.5766 by changing the saturation by 10% instead.

■ 130.2310, 53.1301,
-54.5766

■ 130.2310, 53.1301,
-54.5766

255.0000, 0.0000,
0.0000

■ 96.4030, 55.5103,
-71.3904

■ 183.3130, 35.3417,
-42.3705

■ 74.6380, 52.4365,
-65.4575

■ 209.0180, 22.6691,
-37.7268

■ 58.0590, 47.2989,
-50.9177

■ 234.4240, 10.1440,
-33.6978

■ 42.1810, 42.3088,
-36.9927

■ 246.6280, 4.1274,
-17.2138

■ 28.0640, 36.4504,
-24.6121

■ 13.4740, 31.3183,
-11.8167

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 130.2310, 53.1301,
-54.5766

■ 130.2310, 53.1301,
-54.5766

■ 114.8370, 60.7194,
-62.1240

■ 145.6250, 45.5409,
-47.0291

■ 100.0300, 68.0192,
-70.1863

■ 160.4320, 38.2410,
-38.9669

■ 87.0060, 74.4400,
-76.3043

■ 175.5270, 30.7992,
-32.0342

■ 190.3340, 23.4993,
-23.9719

■ 205.7280, 15.9101,
-16.4245

■ 220.5350, 8.6102,
-8.3622

■ 235.9290, 1.0210,
-0.8147

■ 250.1270, -5.9786,
4.2736

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



117.4330, 56.4815, -102.9887



130.2310, 53.1301, -54.5766



144.5020, 35.7415, 16.2227

Triad

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



130.2310, 53.1301, -54.5766



137.8340, -28.0192, 73.8136



106.9500, -1.4543, -93.7951

Complementary

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



130.2310, 53.1301, -54.5766



175.7690, -53.1301, 54.5766

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.



127.3120, -33.6778, -24.8296



130.2310, 53.1301, -54.5766



136.9840, -45.8411, 50.0030

Square

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



130.2310, 53.1301, -54.5766



138.4260, -5.6330, 80.3104



133.0370, -49.8112, 16.6306



113.9380, 20.2436, -99.9236

Rectangle

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



130.2310, 53.1301, -54.5766



144.1980, 23.5664, 48.0614



133.0370, -49.8112, 16.6306



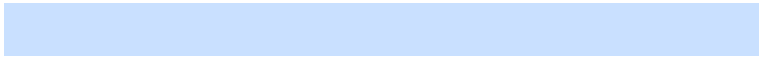
117.1080, -14.3502, -64.1157

Sweetspot

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



130.2310, 53.1301, -54.5766



220.6570, 16.9311, -17.2392



178.7340, -7.2639, -97.1137



107.2790, 10.2155, -9.8917



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.



130.2310, 53.1301, -54.5766



116.1440, 68.4560, -70.2863



90.6690, 72.6342, -10.2337



112.3030, 3.7946, -3.7737



67.3490, 57.5089, -59.0651



20.4720, 17.5153, -17.9539

Inverse Universe

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



127.1520, 6.8271, 97.2137



112.1970, 8.7769, 125.2382



215.3310, -72.6342, 10.2337



112.1580, 0.4151, 6.8774



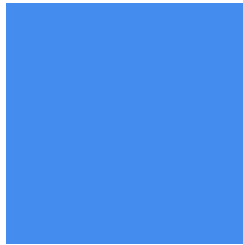
64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 130.2310, 53.1301, -54.5766 looks on a white background.

Color Contrast Check

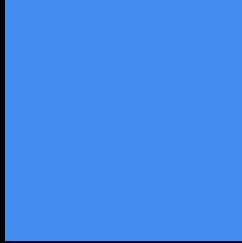
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.2310, 53.1301, -54.5766 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

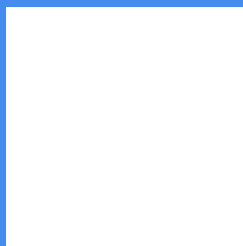
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 130.2310, 53.1301, -54.5766

Background



This preview shows how black text looks on a background with the YUV color 130.2310, 53.1301, -54.5766.



This preview shows how white text looks on a background with the YUV color 130.2310, 53.1301, -54.5766.

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

130.2310, 53.1301, -54.5766

Protanopia

136.1090, 48.2603, -32.5446

Deuteranopia

130.2310, 53.1301, -54.5766



Tritanopia

110.0230, 28.0897, -96.4902

Trichromacy



Original Color

130.2310, 53.1301, -54.5766

Protanomaly

134.1080, 49.7398, -40.4367

Deuteranomaly

130.2310, 53.1301, -54.5766

Tritanomaly

117.5270, 37.2082, -81.1462

Monochromacy



Original Color

130.2310, 53.1301, -54.5766

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.9170, 19.2679, -20.0982

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2310, 53.1301, -54.5766 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(68, 141, 238)` looks like.

```
.text, #text, p{  
    color:rgb(68, 141, 238)  
}
```

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(68, 141, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 141, 238) }
```

Border

The CSS property to change the border of an element to YUV 130.2310, 53.1301, -54.5766 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(68, 141, 238) }
```


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

```
.border{ border-color:rgb(68, 141, 238) }
```

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

Here you see how a box with a 4 pixel rgb(68, 141, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 141, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 141, 238);  
box-shadow:4px 4px 4px 4px rgb(68, 141,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 130.2310, 53.1301, -54.5766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 141, 238) }
```

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

```
.background{ background-color: rgb(68, 141,  
238) }
```

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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