

Converting Colors

YUV(135.2090, 53.1410,
-58.0653)

Have a look what the booklet for
YUV(135.2090, 53.1410, -58.0653)
contains.

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Color

**YUV(135.2090, 53.1410,
-58.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	4594F3
RGB	69, 148, 243
RGB Percent	27%, 58%, 95%
CMY	0.7294, 0.4196, 0.0471
CMYK	0.72, 0.39, 0.00, 0.05
HSL	213°, 88%, 61%
HSV	213°, 72%, 95%
XYZ	29.2218, 28.9161, 88.8352
YIQ	135.2090, -77.5790, 12.7970

Conversions

Conversions Part 2

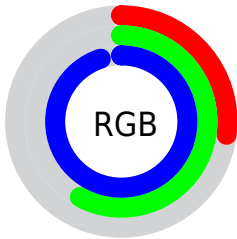
Format	Color
R _{YB}	69, 123, 243
Decimal	4560115
CIE Lab	60.71, 6.83, -54.63
CIE LCh	61, 55.054, 277.124
Yxy	28.9161, 0.1988, 0.1967
Android (android.graphics.Color)	4282750195 (0xFF4594F3)
YUV	135.2090, 53.1410, -58.0653
Hunter-Lab	53.7737, 2.8969, -60.3067

Details

The YUV color **135.2090, 53.1410, -58.0653** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **176.7910, -53.1410, 58.0653**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3080, 32.8792, -45.8741**, and **78.7300, 52.8841, -69.0462** is the 20% darker color. If you saturate the color by 10%, you get **120.4020, 60.4408, -66.1276**, and if you desaturate by 10%, it is **150.0160, 45.8411, -50.0030**.

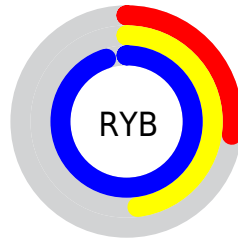
Distribution



Red (27%)

Green (58%)

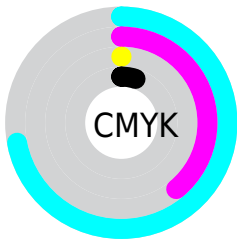
Blue (95%)



Red (27%)

Yellow (48%)

Blue (95%)

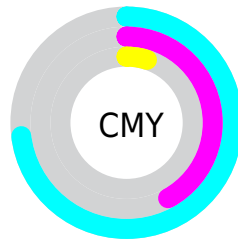


Cyan (72%)

Magenta (39%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (42%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2090, 53.1410, -58.0653 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 135.2090, 53.1410, -58.0653 by changing the saturation by 10% instead.

■ 135.2090, 53.1410,
-58.0653

■ 135.2090, 53.1410,
-58.0653

255.0000, 0.0000,
0.0000

■ 101.0820, 55.6686,
-75.4939

■ 188.3080, 32.8792,
-45.8741

■ 78.7300, 52.8841,
-69.0462

■ 214.0130, 20.2066,
-41.2304

■ 62.1510, 47.7466,
-54.5064

■ 237.9570, 8.4022,
-35.0423

■ 46.1590, 42.3196,
-40.4814

■ 247.2260, 3.8326,
-15.9842

■ 31.4550, 36.7507,
-27.5860

■ 14.0440, 33.5023,
-12.3166

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 135.2090, 53.1410,
-58.0653

■ 135.2090, 53.1410,
-58.0653

■ 120.4020, 60.4408,
-66.1276

■ 150.0160, 45.8411,
-50.0030

■ 104.7090, 68.1775,
-74.2898

■ 165.7090, 38.1045,
-41.8408

■ 92.2720, 74.3089,
-80.9225

■ 180.5160, 30.8046,
-33.7785

■ 195.3230, 23.5048,
-25.7163

■ 210.1300, 16.2049,
-17.6540

■ 225.8230, 8.4683,
-9.4918

■ 240.6300, 1.1684,
-1.4295

■ 253.0450, -4.9522,
1.7145

■ 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.



121.9980, 56.2030, -106.9922



135.2090, 53.1410, -58.0653



150.2950, 36.3366, 12.0193

Triad

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



135.2090, 53.1410, -58.0653



144.4750, -26.8562, 74.1284



113.5160, -3.2124, -89.9065

Complementary

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



135.2090, 53.1410, -58.0653



176.7910, -53.1410, 58.0653

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.



134.1060, -34.5623, -21.1410



135.2090, 53.1410, -58.0653



142.8640, -43.8100, 51.8623

Square

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



135.2090, 53.1410, -58.0653



145.7570, -4.3172, 78.2661



140.1020, -48.3643, 19.2045



117.6880, 19.3808, -103.2124

Rectangle

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



135.2090, 53.1410, -58.0653



150.4040, 24.4508, 44.3727



140.1020, -48.3643, 19.2045



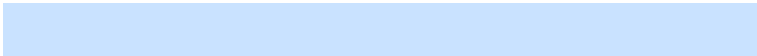
126.6530, -17.5769, -55.8237

Sweetspot

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



135.2090, 53.1410, -58.0653



221.8310, 16.3523, -18.2688



181.7400, -9.7318, -98.8730



107.8660, 9.9261, -10.4065



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.



135.2090, 53.1410, -58.0653



119.0790, 67.0091, -72.8603



90.6300, 75.1184, -13.7075



114.8900, 3.5052, -4.2885



71.0990, 56.6462, -62.3538



22.5750, 17.9575, -19.7983

Inverse Universe

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



130.0320, 8.8582, 99.0729



112.7670, 10.9609, 124.7383



221.3700, -75.1184, 13.7075



114.2720, 0.8519, 6.7775



65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724

Previews

White Background



This preview shows how the YUV color 135.2090, 53.1410, -58.0653 looks on a white background.

Color Contrast Check

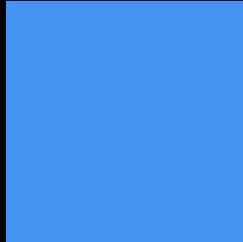
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2090, 53.1410, -58.0653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

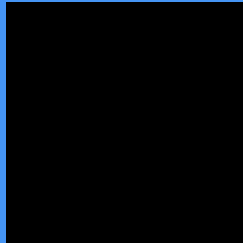
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

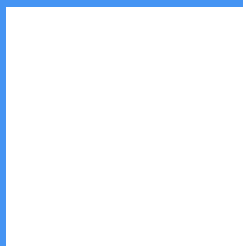
Any Text WCAG AAA × Fail

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

YUV 135.2090, 53.1410, -58.0653 Background



This preview shows how black text looks on a background with the YUV color 135.2090, 53.1410, -58.0653.



This preview shows how white text looks on a background with the YUV color 135.2090, 53.1410, -58.0653.

-58.0653.

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

135.2090, 53.1410, -58.0653

Protanopia

142.4790, 47.0919, -31.1151

Deuteranopia

137.6120, 51.9563, -51.4027



Tritanopia

114.9300, 29.1215, -100.7936

Trichromacy



Original Color

135.2090, 53.1410, -58.0653

Protanomaly

139.6950, 49.4504, -40.9515

Deuteranomaly

136.4160, 52.5459, -53.8618

Tritanomaly

122.3200, 37.8032, -85.3496

Monochromacy



Original Color

135.2090, 53.1410, -58.0653

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2050, 19.1259, -21.2278

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2090, 53.1410, -58.0653 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(69, 148, 243)` looks like.

```
.text, #text, p{  
  color:rgb(69, 148, 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(69, 148, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 148, 243) }
```

Border

The CSS property to change the border of an element to YUV 135.2090, 53.1410, -58.0653 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(69, 148, 243) }
```


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

```
.border{ border-color:rgb(69, 148, 243) }
```

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

Here you see how a box with a 4 pixel rgb(69, 148, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 148, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 148, 243);  
box-shadow:4px 4px 4px 4px rgb(69, 148,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 135.2090, 53.1410, -58.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 148, 243) }
```

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

```
.background{ background-color: rgb(69, 148,  
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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