

Converting Colors

YUV(128.5240, 58.9017,
-39.0475)

Have a look what the booklet for
YUV(128.5240, 58.9017, -39.0475)
contains.

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Color

**YUV(128.5240, 58.9017,
-39.0475)**

Conversions

Conversions Part 1

Format	Color
Hex	5480F8
RGB	84, 128, 248
RGB Percent	33%, 50%, 97%
CMY	0.6706, 0.4980, 0.0275
CMYK	0.66, 0.48, 0.00, 0.03
HSL	224°, 92%, 65%
HSV	224°, 66%, 97%
XYZ	28.3186, 24.1005, 91.9662
YIQ	128.5240, -64.7440, 27.9920

Conversions

Conversions Part 2

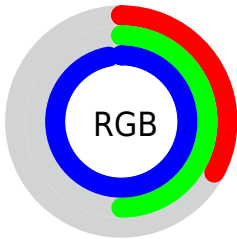
Format	Color
R_{YB}	84, 119, 248
Decimal	5538040
CIE _{Lab}	56.19, 22.79, -64.59
CIE _{LCh}	56, 68.495, 289.437
Yxy	24.1005, 0.1961, 0.1669
Android (android.graphics.Color)	4283728120 (0xFF5480F8)
YUV	128.5240, 58.9017, -39.0475
Hunter-Lab	49.0922, 17.0554, -76.7055

Details

The YUV color **128.5240, 58.9017, -39.0475** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **203.4760, -58.9017, 39.0475**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9820, 37.4769, -27.1712**, and **68.7340, 60.2771, -60.2797** is the 20% darker color. If you saturate the color by 10%, you get **110.4830, 67.7959, -45.1506**, and if you desaturate by 10%, it is **146.5650, 50.0075, -32.9445**.

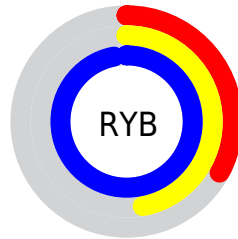
Distribution



Red (33%)

Green (50%)

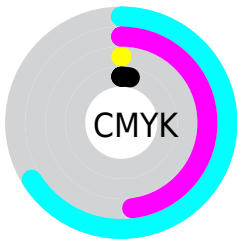
Blue (97%)



Red (33%)

Yellow (47%)

Blue (97%)

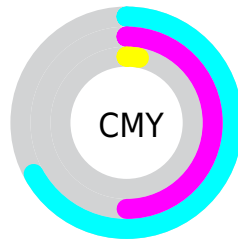


Cyan (66%)

Magenta (48%)

Yellow (0%)

Black (3%)



Cyan (67%)

Magenta (50%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.5240, 58.9017, -39.0475 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 128.5240, 58.9017, -39.0475 by changing the saturation by 10% instead.

■ 128.5240, 58.9017,
-39.0475

■ 128.5240, 58.9017,
-39.0475

255.0000, 0.0000,
0.0000

■ 98.5830, 59.3656,
-47.8693

■ 178.9820, 37.4769,
-27.1712

■ 68.7340, 60.2771,
-60.2797

■ 204.6870, 24.8043,
-22.5275

■ 52.6280, 54.4134,
-46.1548

■ 230.3920, 12.1317,
-17.8838

■ 37.2230, 48.6971,
-32.6446

■ 250.8140, 2.0637,
-8.6069

■ 24.2800, 42.2600,
-21.2936

■ 13.7990, 35.1021,
-12.1017

■ 10.4760, 24.9083,

-9.1875

■ 5.5060, 16.0195,
-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 128.5240, 58.9017,
-39.0475

■ 128.5240, 58.9017,
-39.0475

■ 110.4830, 67.7959,
-45.1506

■ 146.5650, 50.0075,
-32.9445

■ 92.4420, 76.6901,
-51.2536

■ 164.6060, 41.1132,
-26.8415

■ 74.7000, 85.4369,
-56.7419

■ 182.3480, 32.3664,
-21.3532

■ 67.6010, 88.9367,
-59.2861

■ 200.9760, 23.1828,
-15.7650

■ 219.0170, 14.2886,
-9.6619

■ 237.0580, 5.3944,
-3.5589

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



115.6040, 67.2432, -101.3847



128.5240, 58.9017, -39.0475



138.2970, 36.8286, 40.9585

Triad

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



128.5240, 58.9017, -39.0475



128.2080, -42.0075, 80.5016



106.5740, 2.1820, -93.4654

Complementary

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



128.5240, 58.9017, -39.0475



203.4760, -58.9017, 39.0475

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.



109.2430, -29.2068, -58.9721



128.5240, 58.9017, -39.0475



126.3090, -62.2703, 46.2100

Square

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



128.5240, 58.9017, -39.0475



125.5980, -13.1128, 99.4536



121.3160, -59.8088, 3.2309



114.8160, 28.6847, -100.6936

Rectangle

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



128.5240, 58.9017, -39.0475



132.7330, 22.3166, 75.6562



121.3160, -59.8088, 3.2309



103.5930, -6.7013, -90.8511

Sweetspot

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



128.5240, 58.9017, -39.0475



218.0320, 18.2252, -12.3061



193.7200, 4.0820, -96.2244



105.2300, 11.2256, -7.2177



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.



128.5240, 58.9017, -39.0475



108.6120, 72.1693, -47.8947



113.4600, 66.3282, 5.7356



115.8300, 4.5208, -3.3589



51.4830, 67.7959, -45.1506



16.3460, 22.0144, -14.3354

Inverse Universe

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



138.0520, -4.9556, 96.4244



120.2550, -6.0417, 118.1714



218.5400, -66.3282, -5.7356



116.3430, -0.1691, 7.5922



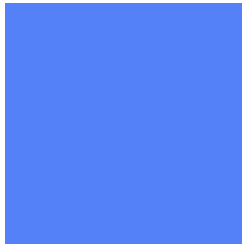
62.3250, -5.5832, 111.0940



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 128.5240, 58.9017, -39.0475 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 128.5240, 58.9017, -39.0475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

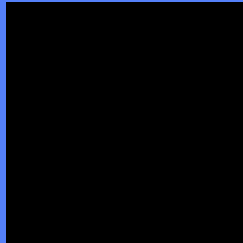
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.5240, 58.9017, -39.0475

Background



This preview shows how black text looks on a background with the YUV color 128.5240, 58.9017, -39.0475.



This preview shows how white text looks on a background with the YUV color 128.5240, 58.9017, -39.0475.

-39.0475.

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

128.5240, 58.9017, -39.0475

Protanopia

125.7400, 61.2602, -48.8840

Deuteranopia

107.3060, 65.9111, -94.1074



Tritanopia

110.9000, 24.6993, -82.3503

Trichromacy



Original Color

128.5240, 58.9017, -39.0475

Protanomaly

126.5340, 60.3757, -45.1953

Deuteranomaly

115.1560, 63.5201, -73.8048

Tritanomaly

117.0280, 37.4542, -66.6766

Monochromacy



Original Color

128.5240, 58.9017, -39.0475

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.1180, 21.1408, -14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.5240, 58.9017, -39.0475 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(84, 128, 248)` looks like.

```
.text, #text, p{  
    color:rgb(84, 128, 248)  
}
```

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(84, 128, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 128, 248) }
```

Border

The CSS property to change the border of an element to YUV 128.5240, 58.9017, -39.0475 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(84, 128, 248) }
```


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

```
.border{ border-color:rgb(84, 128, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 128, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 128, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 128, 248);  
box-shadow:4px 4px 4px 4px rgb(84, 128,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 128.5240, 58.9017, -39.0475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 128, 248) }
```

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

```
.background{ background-color: rgb(84, 128,  
248) }
```

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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