

Converting Colors

YUV(144.0820, 45.8086,
-39.5369)

Have a look what the booklet for
YUV(144.0820, 45.8086, -39.5369)
contains.

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Color

**YUV(144.0820, 45.8086,
-39.5369)**

Conversions

Conversions Part 1

Format	Color
Hex	6395ED
RGB	99, 149, 237
RGB Percent	39%, 58%, 93%
CMY	0.6118, 0.4157, 0.0706
CMYK	0.58, 0.37, 0.00, 0.07
HSL	218°, 79%, 66%
HSV	218°, 58%, 93%
XYZ	31.1791, 30.2620, 84.3186
YIQ	144.0820, -58.0480, 16.7680

Conversions

Conversions Part 2

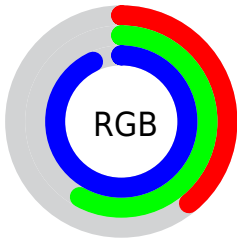
Format	Color
R _Y B	99, 136, 237
Decimal	6526445
CIE Lab	61.88, 9.15, -49.39
CIE LCh	62, 50.226, 280.493
Yxy	30.2620, 0.2139, 0.2076
Android (android.graphics.Color)	4284716525 (0xFF6395ED)
YUV	144.0820, 45.8086, -39.5369
Hunter-Lab	55.0109, 4.9013, -52.3699

Details

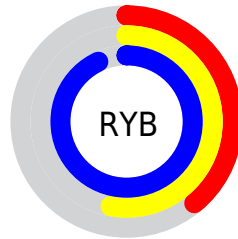
The YUV color **144.0820, 45.8086, -39.5369** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **191.9180, -45.8086, 39.5369**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7720, 29.1994, -32.2490**, and **86.2220, 46.7256, -53.6917** is the 20% darker color. If you saturate the color by 10%, you get **128.1010, 53.6872, -46.5696**, and if you desaturate by 10%, it is **160.0630, 37.9299, -32.5043**.

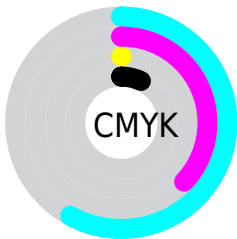
Distribution



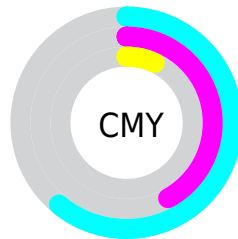
- Red (39%)
- Green (58%)
- Blue (93%)



- Red (39%)
- Yellow (53%)
- Blue (93%)



- Cyan (58%)
- Magenta (37%)
- Yellow (0%)
- Black (7%)



- Cyan (61%)
- Magenta (42%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.0820, 45.8086, -39.5369 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 144.0820, 45.8086, -39.5369 by changing the saturation by 10% instead.

■ 144.0820, 45.8086,
-39.5369

■ 144.0820, 45.8086,
-39.5369

■ 255.0000, 0.0000,
0.0000

■ 115.9460, 45.3826,
-42.9256

■ 195.7720, 29.1994,
-32.2490

■ 86.2220, 46.7256,
-53.6917

■ 220.8790, 16.8217,
-28.8349

■ 61.4670, 45.1258,
-53.9066

■ 243.9370, 5.4541,
-22.7467

■ 45.5890, 40.1356,
-39.9816

■ 252.9070, 1.0318,
-4.3034

■ 30.8850, 34.5667,
-27.0861

■ 14.0610, 31.0289,
-12.3315

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 144.0820, 45.8086,
-39.5369

■ 144.0820, 45.8086,
-39.5369

■ 128.1010, 53.6872,
-46.5696

■ 160.0630, 37.9299,
-32.5043

■ 112.4190, 61.4184,
-52.9875

■ 175.7450, 30.1987,
-26.0864

■ 96.4380, 69.2971,
-60.0201

■ 191.7260, 22.3201,
-19.0537

■ 80.4570, 77.1757,
-67.0528

■ 207.7070, 14.4414,
-12.0210

■ 77.5000, 78.6335,
-67.9675

■ 223.9760, 6.4208,
-6.1180

■ 239.9570, -1.4578,
0.9147

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



121.6560, 54.8926, -106.6923



144.0820, 45.8086, -39.5369



153.4760, 31.8103, 17.1225

Triad

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



144.0820, 45.8086, -39.5369



148.4310, -26.8345, 67.1510



123.1090, -2.5187, -79.0256

Complementary

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



144.0820, 45.8086, -39.5369



191.9180, -45.8086, 39.5369

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.



138.1750, -29.1733, -22.9555



144.0820, 45.8086, -39.5369



147.2160, -41.0255, 45.4146

Square

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



144.0820, 45.8086, -39.5369



150.0290, -6.9163, 71.8886



143.5620, -42.6751, 14.4161



119.6600, 21.8596, -104.9418

Rectangle

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



144.0820, 45.8086, -39.5369



153.8510, 19.7935, 44.8577



143.5620, -42.6751, 14.4161



131.1030, -13.3618, -54.4643

Sweetspot

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



144.0820, 45.8086, -39.5369



225.7070, 14.4414, -12.0210



189.9240, -1.9345, -79.7403



110.2470, 8.7522, -7.2326



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.



144.0820, 45.8086, -39.5369



134.8600, 59.2290, -50.7432



120.1140, 57.6248, -2.7310



109.6020, 3.6472, -3.1590



59.3760, 59.9606, -52.0728



17.3090, 18.0887, -15.1800

Inverse Universe

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



145.9620, 1.4977, 79.8403



137.5180, 1.7166, 103.0317



215.8860, -57.6248, 2.7310



109.7450, 0.1257, 6.3626



61.6430, 2.1480, 104.6761



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 144.0820, 45.8086, -39.5369 looks on a white background.

Color Contrast Check

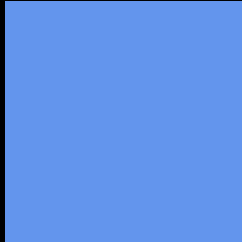
Large Text (above 18pt) WCAG AA × Fail

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 144.0820, 45.8086, -39.5369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

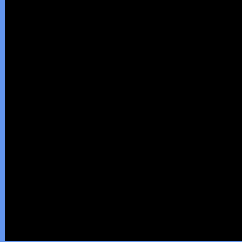
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

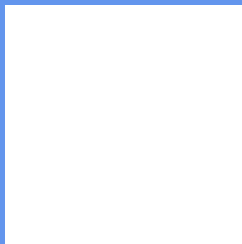
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.0820, 45.8086, -39.5369

Background



This preview shows how black text looks on a background with the YUV color 144.0820, 45.8086, -39.5369.



This preview shows how white text looks on a background with the YUV color 144.0820, 45.8086, -39.5369.

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

144.0820, 45.8086, -39.5369

Protanopia

147.0620, 42.8604, -27.2414

Deuteranopia

144.0820, 45.8086, -39.5369



Tritanopia

136.8710, 18.7976, -56.0149

Trichromacy



Original Color

144.0820, 45.8086, -39.5369

Protanomaly

145.9690, 43.8923, -31.5448

Deuteranomaly

144.0820, 45.8086, -39.5369

Tritanomaly

139.2490, 28.9642, -50.2074

Monochromacy



Original Color

144.0820, 45.8086, -39.5369

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.2660, 16.6309, -14.2653

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0820, 45.8086, -39.5369 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(99, 149, 237)` looks like.

```
.text, #text, p{  
    color:rgb(99, 149, 237)  
}
```

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(99, 149, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 149, 237) }
```

Border

The CSS property to change the border of an element to YUV 144.0820, 45.8086, -39.5369 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(99, 149, 237) }
```


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

```
.border{ border-color:rgb(99, 149, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 149, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(99, 149, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(99, 149, 237); box-shadow:4px 4px 4px 4px rgb(99, 149, 237) }
```

Background

The CSS property to change the background color of an element to YUV 144.0820, 45.8086, -39.5369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 149, 237) }
```

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

```
.background{ background-color: rgb(99, 149,  
237) }
```

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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