

Converting Colors

YUV(153.4220, 40.2180,
-19.6641)

Have a look what the booklet for
YUV(153.4220, 40.2180, -19.6641)
contains.

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Color

**YUV(153.4220, 40.2180,
-19.6641)**

Conversions

Conversions Part 1

Format	Color
Hex	8395EB
RGB	131, 149, 235
RGB Percent	51%, 58%, 92%
CMY	0.4863, 0.4157, 0.0784
CMYK	0.44, 0.37, 0.00, 0.08
HSL	230°, 72%, 72%
HSV	230°, 44%, 92%
XYZ	35.1029, 32.3183, 82.9852
YIQ	153.4220, -38.3340, 22.9300

Conversions

Conversions Part 2

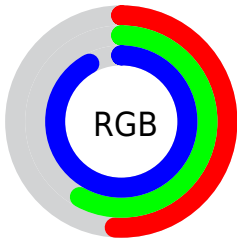
Format	Color
R _Y B	131, 146, 235
Decimal	8623595
CIE Lab	63.61, 15.61, -45.44
CIE LCh	64, 48.044, 288.957
Yxy	32.3183, 0.2334, 0.2149
Android (android.graphics.Color)	4286813675 (0xFF8395EB)
YUV	153.4220, 40.2180, -19.6641
Hunter-Lab	56.8492, 10.7330, -46.7536

Details

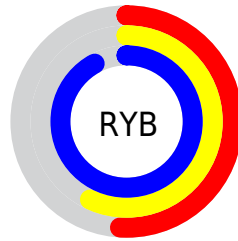
The YUV color $153.4220, 40.2180, -19.6641$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $212.5780, -40.2180, 19.6641$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.4430, 24.9246, -14.4205$, and $100.6450, 38.6290, -23.3677$ is the 20% darker color. If you saturate the color by 10%, you get $135.0930, 49.2542, -24.6376$, and if you desaturate by 10%, it is $171.4520, 31.3292, -15.3054$.

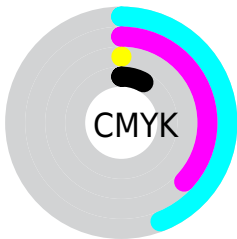
Distribution



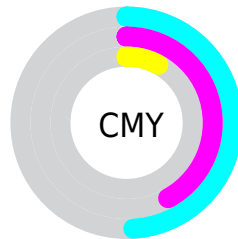
- Red (51%)
- Green (58%)
- Blue (92%)



- Red (51%)
- Yellow (57%)
- Blue (92%)



- Cyan (44%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)



- Cyan (49%)
- Magenta (42%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4220, 40.2180, -19.6641 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 153.4220, 40.2180, -19.6641 by changing the saturation by 10% instead.

■ 153.4220, 40.2180,
-19.6641

■ 153.4220, 40.2180,
-19.6641

■ 255.0000, 0.0000,
0.0000

■ 126.5960, 39.6392,
-20.6937

■ 204.4430, 24.9246,
-14.4205

■ 100.6450, 38.6290,
-23.3677

■ 229.5500, 12.5469,
-11.0063

■ 74.5090, 38.2031,
-26.7564

■ 252.3090, 1.3267,
-5.5330

■ 45.3610, 39.2620,
-39.7816

■ 30.1840, 34.4193,
-26.4714

■ 14.4200, 29.8659,
-12.6463

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 153.4220, 40.2180,
-19.6641

■ 153.4220, 40.2180,
-19.6641

■ 135.0930, 49.2542,
-24.6376

■ 171.4520, 31.3292,
-15.3054

■ 116.4760, 58.4323,
-28.4815

■ 190.3680, 22.0036,
-10.8467

■ 98.1470, 67.4685,
-33.4549

■ 208.6970, 12.9674,
-5.8733

■ 79.5300, 76.6467,
-37.2988

■ 227.3140, 3.7892,
-2.0294

■ 61.5000, 85.5355,
-41.6575

■ 245.6430, -5.2470,
2.9441

■ 50.8570, 90.7825,
-44.6016

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



122.8130, 56.7872, -107.7070



153.4220, 40.2180, -19.6641



158.6470, 25.8100, 28.3736

Triad

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



153.4220, 40.2180, -19.6641



153.0620, -30.5966, 60.4586



118.2290, 8.7611, -103.6868

Complementary

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



153.4220, 40.2180, -19.6641



212.5780, -40.2180, 19.6641

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.



141.5310, -22.4468, -33.7917



153.4220, 40.2180, -19.6641



151.1610, -40.9984, 36.6928

Square

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



153.4220, 40.2180, -19.6641



154.5250, -12.5838, 69.6996



147.5330, -38.7168, 4.7946



123.8320, 27.6908, -108.6007

Rectangle

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



153.4220, 40.2180, -19.6641



158.2880, 13.6620, 51.4904



147.5330, -38.7168, 4.7946



132.2030, -5.0301, -66.8300

Sweetspot

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



153.4220, 40.2180, -19.6641



229.2840, 12.6780, -6.3881



201.7380, 7.0312, -62.0372



111.7420, 8.0152, -4.1587



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.



153.4220, 40.2180, -19.6641



148.8910, 52.3117, -25.3374



152.7230, 40.5626, 9.8899



108.4280, 4.2260, -2.1294



38.8310, 70.0893, -34.0548



11.4390, 20.9826, -10.0320

Inverse Universe

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



164.1480, -7.4680, 62.1372



162.9870, -9.8536, 80.6954



213.2770, -40.5626, -9.8899



109.5170, -0.7479, 6.5626



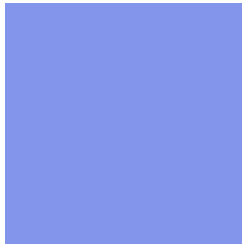
57.6530, -13.1399, 108.1753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 153.4220, 40.2180, -19.6641 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 153.4220, 40.2180, -19.6641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

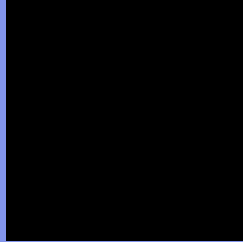
Any Text WCAG AA ✓ Pass

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 153.4220, 40.2180, -19.6641 Background



This preview shows how black text looks on a background with the YUV color 153.4220, 40.2180, -19.6641.



This preview shows how white text looks on a background with the YUV color 153.4220, 40.2180, -19.6641.

-19.6641.

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

153.4220, 40.2180, -19.6641

Protanopia

152.4320, 41.6920, -25.8119

Deuteranopia

150.8720, 40.9821, -31.4597



Tritanopia

148.4290, 12.6065, -30.1942

Trichromacy



Original Color

153.4220, 40.2180, -19.6641

Protanomaly

152.6280, 41.1024, -23.3528

Deuteranomaly

152.0790, 40.3871, -27.2563

Tritanomaly

150.3830, 22.4892, -26.6459

Monochromacy



Original Color

153.4220, 40.2180, -19.6641

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.4410, 14.5726, -7.4028

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4220, 40.2180, -19.6641 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(131, 149, 235)` looks like.

```
.text, #text, p{  
    color:rgb(131, 149, 235)  
}
```

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(131, 149, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 149, 235) }
```

Border

The CSS property to change the border of an element to YUV 153.4220, 40.2180, -19.6641 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(131, 149, 235) }
```


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

```
.border{ border-color:rgb(131, 149, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 149, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 149, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 149, 235);  
box-shadow:4px 4px 4px 4px rgb(131, 149,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 153.4220, 40.2180, -19.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 149, 235) }
```

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

```
.background{ background-color: rgb(131,  
149, 235) }
```

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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