

Converting Colors

YUV(155.6760, 41.5717,
-33.9189)

Have a look what the booklet for
YUV(155.6760, 41.5717, -33.9189)
contains.

YUV(155.6760, 41.5717, -33.9189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(155.6760, 41.5717,
-33.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	759FF0
RGB	117, 159, 240
RGB Percent	46%, 62%, 94%
CMY	0.5412, 0.3765, 0.0588
CMYK	0.51, 0.34, 0.00, 0.06
HSL	220°, 80%, 70%
HSV	220°, 51%, 94%
XYZ	35.4624, 34.8695, 87.2995
YIQ	155.6760, -51.0330, 16.2870

Conversions

Conversions Part 2

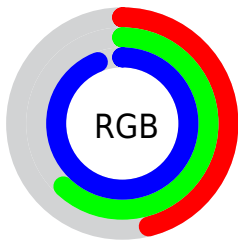
Format	Color
RYB	117, 148, 240
Decimal	7708656
CIELab	65.65, 8.03, -45.03
CIElCh	66, 45.740, 280.108
Yxy	34.8695, 0.2250, 0.2212
Android (android.graphics.Color)	4285898736 (0xFF759FF0)
YUV	155.6760, 41.5717, -33.9189
Hunter-Lab	59.0504, 3.8592, -46.3185

Details

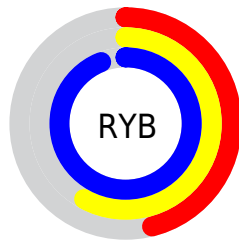
The YUV color **155.6760, 41.5717, -33.9189** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **201.3240, -41.5717, 33.9189**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4260, 23.9470, -27.5606**, and **101.1160, 40.8618, -39.5667** is the 20% darker color. If you saturate the color by 10%, you get **139.1080, 49.7398, -40.4367**, and if you desaturate by 10%, it is **172.2440, 33.4037, -27.4010**.

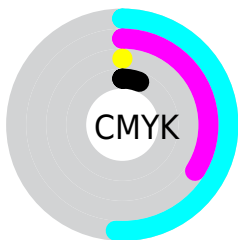
Distribution



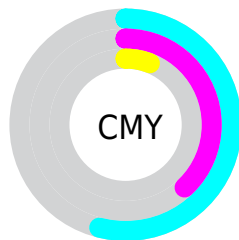
- Red (46%)
- Green (62%)
- Blue (94%)



- Red (46%)
- Yellow (58%)
- Blue (94%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (38%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6760, 41.5717, -33.9189 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 155.6760, 41.5717, -33.9189 by changing the saturation by 10% instead.

■ 155.6760, 41.5717,
-33.9189

■ 155.6760, 41.5717,
-33.9189

255.0000, 0.0000,
0.0000

■ 128.4370, 40.7036,
-35.4632

■ 206.4260, 23.9470,
-27.5606

■ 101.1160, 40.8618,
-39.5667

■ 232.1200, 11.2798,
-24.6612

■ 70.0820, 42.3576,
-52.6919

■ 248.7210, 3.0955,
-12.9103

■ 50.6270, 39.1309,
-44.3999

■ 35.3360, 33.8514,
-30.9897

■ 20.8600, 29.1560,
-18.2942

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 155.6760, 41.5717,
-33.9189

■ 155.6760, 41.5717,
-33.9189

■ 139.1080, 49.7398,
-40.4367

■ 172.2440, 33.4037,
-27.4010

■ 122.5400, 57.9078,
-46.9546

■ 188.8120, 25.2357,
-20.8831

■ 106.5590, 65.7864,
-53.9872

■ 204.7930, 17.3571,
-13.8505

■ 89.9910, 73.9544,
-60.5051

■ 221.3610, 9.1890,
-7.3326

■ 75.4940, 81.1015,
-66.2082

■ 237.9290, 1.0210,
-0.8147

■ 252.7030, -6.2626,
2.0145

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



127.2810, 53.5985, -111.6254



155.6760, 41.5717, -33.9189



163.3680, 28.9056, 15.4633

Triad

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



155.6760, 41.5717, -33.9189



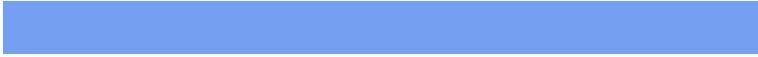
159.5660, -24.9290, 62.6476



139.6380, -4.7515, -62.8265

Complementary

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



155.6760, 41.5717, -33.9189



201.3240, -41.5717, 33.9189

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.



149.4680, -26.8527, -20.5814



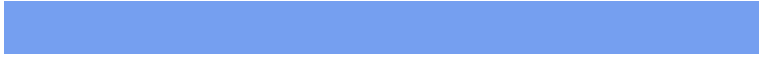
155.6760, 41.5717, -33.9189



157.5300, -37.2363, 43.3852

Square

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



155.6760, 41.5717, -33.9189



160.9960, -6.9000, 66.6555



154.8870, -38.8913, 14.1311



125.8550, 22.7495, -110.3748

Rectangle

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



155.6760, 41.5717, -33.9189



163.7750, 18.3519, 40.5393



154.8870, -38.8913, 14.1311



144.1470, -13.3835, -47.4869

Sweetspot

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



155.6760, 41.5717, -33.9189



228.9630, 12.8362, -10.4916



198.3210, -0.6513, -71.3185



111.7310, 8.0206, -5.9031



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.



155.6760, 41.5717, -33.9189



146.7100, 53.3870, -43.5957



136.4040, 51.0728, -1.2313



111.7160, 4.0840, -3.2589



57.9570, 62.1392, -50.8283



17.5370, 18.9623, -15.3799

Inverse Universe

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



158.5650, 0.2145, 71.4185



150.3980, 0.2968, 91.7360



220.5960, -51.0728, 1.2313



112.0440, -0.0217, 6.9774



62.1980, 0.3954, 106.8204



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 155.6760, 41.5717, -33.9189 looks on a white background.

Color Contrast Check

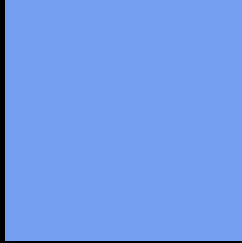
Large Text (above 18pt) WCAG AA × Fail

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 155.6760, 41.5717, -33.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

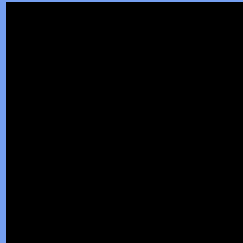
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

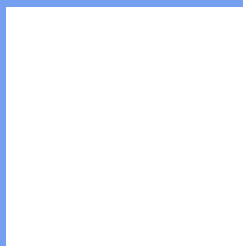
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.6760, 41.5717, -33.9189

Background



This preview shows how black text looks on a background with the YUV color 155.6760, 41.5717, -33.9189.



This preview shows how white text looks on a background with the YUV color 155.6760, 41.5717, -33.9189.

-33.9189.

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

155.6760, 41.5717, -33.9189

Protanopia

157.8730, 39.5026, -23.5676

Deuteranopia

155.9860, 41.4189, -31.5597



Tritanopia

150.0680, 16.7285, -45.6636

Trichromacy



Original Color

155.6760, 41.5717, -33.9189

Protanomaly

157.0790, 40.3871, -27.2563

Deuteranomaly

155.6870, 41.5663, -32.1745

Tritanomaly

152.0930, 25.5902, -41.3006

Monochromacy



Original Color

155.6760, 41.5717, -33.9189

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9350, 15.3150, -12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6760, 41.5717, -33.9189 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(117, 159, 240)` looks like.

```
.text, #text, p{  
    color:rgb(117, 159, 240)  
}
```

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(117, 159, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 159, 240) }
```

Border

The CSS property to change the border of an element to YUV 155.6760, 41.5717, -33.9189 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(117, 159, 240) }
```


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

```
.border{ border-color:rgb(117, 159, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 159, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 159, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 159, 240);  
box-shadow:4px 4px 4px 4px rgb(117, 159,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 155.6760, 41.5717, -33.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 159, 240) }
```

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

```
.background{ background-color: rgb(117,  
159, 240) }
```

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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