

Converting Colors

YUV(155.3260, 49.1393,
-34.4889)

Have a look what the booklet for
YUV(155.3260, 49.1393, -34.4889)
contains.

YUV(155.3260, 49.1393, -34.4889)	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(155.3260, 49.1393,
-34.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	749CFF
RGB	116, 156, 255
RGB Percent	45%, 61%, 100%
CMY	0.5451, 0.3882, 0.0000
CMYK	0.55, 0.39, 0.00, 0.00
HSL	223°, 100%, 73%
HSV	223°, 55%, 100%
XYZ	37.1409, 34.7099, 99.3499
YIQ	155.3260, -55.6190, 22.3090

Conversions

Conversions Part 2

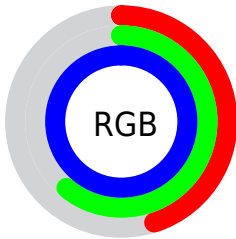
Format	Color
RYB	116, 147, 255
Decimal	7642367
CIELab	65.52, 14.16, -53.43
CIELCh	66, 55.272, 284.840
Yxy	34.7099, 0.2169, 0.2027
Android (android.graphics.Color)	4285832447 (0xFF749CFF)
YUV	155.3260, 49.1393, -34.4889
Hunter-Lab	58.9151, 9.4274, -58.7414

Details

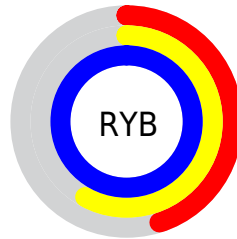
The YUV color **155.3260, 49.1393, -34.4889** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **215.6740, -49.1393, 34.4889**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9640, 24.6677, -25.4014**, and **99.1570, 48.7296, -43.1107** is the 20% darker color. If you saturate the color by 10%, you get **136.9860, 58.1809, -41.2067**, and if you desaturate by 10%, it is **173.6660, 40.0977, -27.7711**.

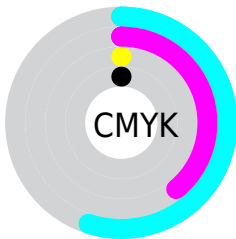
Distribution



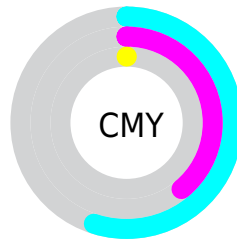
- Red (45%)
- Green (61%)
- Blue (100%)



- Red (45%)
- Yellow (58%)
- Blue (100%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3260, 49.1393, -34.4889 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 155.3260, 49.1393, -34.4889 by changing the saturation by 10% instead.

■ 155.3260, 49.1393,
-34.4889

■ 155.3260, 49.1393,
-34.4889

255.0000, 0.0000,
0.0000

■ 127.4890, 48.5659,
-37.2629

■ 204.9640, 24.6677,
-25.4014

■ 99.1570, 48.7296,
-43.1107

■ 230.0710, 12.2900,
-21.9873

■ 67.5140, 50.5256,
-59.2098

■ 249.3190, 2.8007,
-11.6808

■ 50.9350, 45.3880,
-44.6700

■ 36.2310, 39.8191,
-31.7746

■ 21.6410, 34.6870,
-18.9792

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 155.3260, 49.1393,
-34.4889

■ 155.3260, 49.1393,
-34.4889

■ 136.9860, 58.1809,
-41.2067

■ 173.6660, 40.0977,
-27.7711

■ 118.9450, 67.0751,
-47.3098

■ 191.7070, 31.2034,
-21.6680

■ 100.6050, 76.1167,
-54.0276

■ 210.0470, 22.1618,
-14.9502

■ 81.9770, 85.3003,
-59.6158

■ 228.6750, 12.9782,
-9.3620

■ 71.9210, 90.2579,
-63.0747

■ 246.7160, 4.0840,
-3.2589

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



129.9200, 61.1714, -113.9398



155.3260, 49.1393, -34.4889



164.0580, 32.5094, 26.2591

Triad

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



155.3260, 49.1393, -34.4889



157.5580, -32.8131, 71.4246



121.8820, 4.9882, -106.8905

Complementary

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



155.3260, 49.1393, -34.4889



215.6740, -49.1393, 34.4889

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.



144.9950, -29.5775, -33.3216



155.3260, 49.1393, -34.4889



155.9080, -47.2826, 45.6847

Square

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



155.3260, 49.1393, -34.4889



158.6450, -11.1640, 80.9953



151.5030, -46.5900, 10.0829



128.8700, 26.6861, -113.0190

Rectangle

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



155.3260, 49.1393, -34.4889



162.8030, 19.3241, 55.4238



151.5030, -46.5900, 10.0829



133.7200, -9.2290, -73.4224

Sweetspot

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



155.3260, 49.1393, -34.4889



225.7180, 14.4360, -10.2767



208.6510, 2.1441, -81.2549



109.9590, 8.8942, -6.1030



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.



155.3260, 49.1393, -34.4889



136.1000, 58.6177, -41.3067



140.2180, 56.5875, 3.3168



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Inverse Universe

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



162.1210, -3.0177, 81.4549



144.1060, -3.5033, 97.2540



230.7820, -56.5875, -3.3168



119.2290, -0.6059, 7.6922



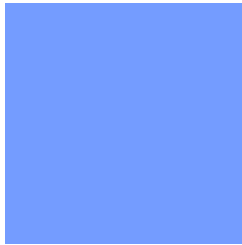
63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 155.3260, 49.1393, -34.4889 looks on a white background.

Color Contrast Check

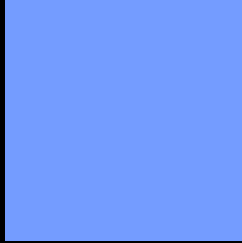
Large Text (above 18pt) WCAG AA × Fail

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 155.3260, 49.1393, -34.4889 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 155.3260, 49.1393, -34.4889

Background



This preview shows how black text looks on a background with the YUV color 155.3260, 49.1393, -34.4889.



This preview shows how white text looks on a background with the YUV color 155.3260, 49.1393, -34.4889.

-34.4889.

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

155.3260, 49.1393, -34.4889

Protanopia

155.8210, 48.4022, -31.4150

Deuteranopia

153.0860, 49.7506, -43.9254



Tritanopia

148.3770, 18.0551, -51.1966

Trichromacy



Original Color

155.3260, 49.1393, -34.4889

Protanomaly

155.5220, 48.5497, -32.0298

Deuteranomaly

153.9940, 49.3030, -40.3367

Tritanomaly

150.9830, 29.0954, -45.5891

Monochromacy



Original Color

155.3260, 49.1393, -34.4889

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9180, 17.7884, -12.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3260, 49.1393, -34.4889 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(116, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 156, 255)  
}
```

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(116, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 156, 255) }
```

Border

The CSS property to change the border of an element to YUV 155.3260, 49.1393, -34.4889 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(116, 156, 255) }
```


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

```
.border{ border-color:rgb(116, 156, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 156,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 155.3260, 49.1393, -34.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 156, 255) }
```

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

```
.background{ background-color: rgb(116,  
156, 255) }
```

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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