

Converting Colors

YUV(156.5220, 48.5497,
-32.0298)

Have a look what the booklet for
YUV(156.5220, 48.5497, -32.0298)
contains.

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Color

**YUV(156.5220, 48.5497,
-32.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	789CFF
RGB	120, 156, 255
RGB Percent	47%, 61%, 100%
CMY	0.5294, 0.3882, 0.0000
CMYK	0.53, 0.39, 0.00, 0.00
HSL	224°, 100%, 74%
HSV	224°, 53%, 100%
XYZ	37.6842, 34.9900, 99.3753
YIQ	156.5220, -53.2350, 23.1570

Conversions

Conversions Part 2

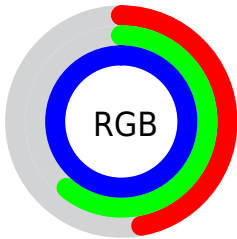
Format	Color
RYB	120, 148, 255
Decimal	7904511
CIELab	65.74, 14.99, -53.07
CIELCh	66, 55.144, 285.771
Yxy	34.9900, 0.2190, 0.2034
Android (android.graphics.Color)	4286094591 (0xFF789CFF)
YUV	156.5220, 48.5497, -32.0298
Hunter-Lab	59.1523, 10.2004, -58.1999

Details

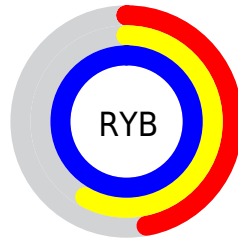
The YUV color **156.5220, 48.5497, -32.0298** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **218.4780, -48.5497, 32.0298**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8610, 24.2255, -23.5571**, and **100.9510, 47.8452, -39.4220** is the 20% darker color. If you saturate the color by 10%, you get **137.8940, 57.7333, -37.6180**, and if you desaturate by 10%, it is **175.4490, 39.2186, -25.8268**.

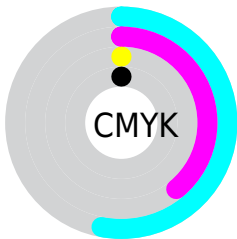
Distribution



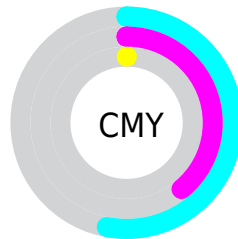
- Red (47%)
- Green (61%)
- Blue (100%)



- Red (47%)
- Yellow (58%)
- Blue (100%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5220, 48.5497, -32.0298 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 156.5220, 48.5497, -32.0298 by changing the saturation by 10% instead.

■ 156.5220, 48.5497,
-32.0298

■ 156.5220, 48.5497,
-32.0298

■ 255.0000, 0.0000,
0.0000

■ 128.9840, 47.8289,
-34.1890

■ 205.8610, 24.2255,
-23.5571

■ 100.9510, 47.8452,
-39.4220

■ 231.2670, 11.7004,
-19.5282

■ 67.8130, 50.3782,
-58.5950

■ 250.2160, 2.3585,
-9.8364

■ 50.9350, 45.3880,
-44.6700

■ 35.6440, 40.1085,
-31.2598

■ 21.6410, 34.6870,
-18.9792

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 156.5220, 48.5497,
-32.0298

■ 156.5220, 48.5497,
-32.0298

■ 137.8940, 57.7333,
-37.6180

■ 175.4490, 39.2186,
-25.8268

■ 119.5540, 66.7749,
-44.3359

■ 193.4900, 30.3244,
-19.7237

■ 100.9260, 75.9585,
-49.9241

■ 212.1180, 21.1408,
-14.1355

■ 81.9990, 85.2895,
-56.1271

■ 231.0450, 11.8098,
-7.9325

■ 68.9860, 91.7049,
-60.5007

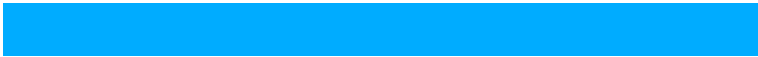
■ 249.9720, 2.4788,
-1.7294

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.



130.0340, 61.6082, -114.0398



156.5220, 48.5497, -32.0298



164.5420, 31.7778, 27.5887

Triad

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



156.5220, 48.5497, -32.0298



158.1450, -33.1025, 70.9098



122.6970, 5.5724, -107.6053

Complementary

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



156.5220, 48.5497, -32.0298



218.4780, -48.5497, 32.0298

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.



145.5110, -28.8459, -34.6511



156.5220, 48.5497, -32.0298



156.1960, -47.4246, 44.5551

Square

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



156.5220, 48.5497, -32.0298



159.2320, -11.4534, 80.4805



151.9050, -46.2952, 8.8533



129.0980, 27.5597, -113.2189

Rectangle

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



156.5220, 48.5497, -32.0298



163.8740, 18.3031, 56.2385



151.9050, -46.2952, 8.8533



133.6380, -8.2025, -75.9815

Sweetspot

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



156.5220, 48.5497, -32.0298



225.1310, 14.7254, -9.7619



210.5310, 4.1752, -79.3957



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.



156.5220, 48.5497, -32.0298



135.8230, 58.7543, -38.4328



144.9580, 54.2507, 6.1758



118.2430, 4.8102, -2.8441



51.7110, 68.6695, -45.3505



17.2750, 23.0354, -15.1502

Inverse Universe

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



164.4690, -4.1752, 79.3957



145.6390, -5.2450, 95.9096



230.3410, -54.3981, -5.5611



119.2290, -0.6059, 7.6922



62.9230, -5.8780, 112.3235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 156.5220, 48.5497, -32.0298 looks on a white background.

Color Contrast Check

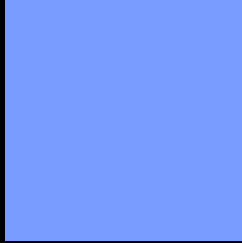
Large Text (above 18pt) WCAG AA × Fail

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 156.5220, 48.5497, -32.0298 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

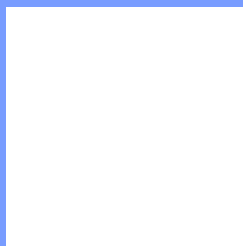
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.5220, 48.5497, -32.0298

Background



This preview shows how black text looks on a background with the YUV color 156.5220, 48.5497, -32.0298.



This preview shows how white text looks on a background with the YUV color 156.5220, 48.5497, -32.0298.

-32.0298.

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

156.5220, 48.5497, -32.0298

Protanopia

156.8210, 48.4022, -31.4150

Deuteranopia

153.3850, 49.6032, -43.3106



Tritanopia

150.1710, 17.1707, -47.5080

Trichromacy



Original Color

156.5220, 48.5497, -32.0298

Protanomaly

156.8210, 48.4022, -31.4150

Deuteranomaly

154.5920, 49.0081, -39.1072

Tritanomaly

152.7770, 28.2109, -41.9004

Monochromacy



Original Color

156.5220, 48.5497, -32.0298

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2170, 17.6410, -11.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5220, 48.5497, -32.0298 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(120, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 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(120, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 156, 255) }
```

Border

The CSS property to change the border of an element to YUV 156.5220, 48.5497, -32.0298 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(120, 156, 255) }
```


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

```
.border{ border-color:rgb(120, 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(120, 156, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 156,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 156.5220, 48.5497, -32.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 156, 255) }
```

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

```
.background{ background-color: rgb(120,  
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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