

Converting Colors

YUV(156.9830, 32.5464,
-32.4341)

Have a look what the booklet for
YUV(156.9830, 32.5464, -32.4341)
contains.

YUV(156.9830, 32.5464, -32.4341)	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(156.9830, 32.5464,
-32.4341)**

Conversions

Conversions Part 1

Format	Color
Hex	78A3DF
RGB	120, 163, 223
RGB Percent	47%, 64%, 87%
CMY	0.5294, 0.3608, 0.1255
CMYK	0.46, 0.27, 0.00, 0.13
HSL	215°, 62%, 67%
HSV	215°, 46%, 87%
XYZ	34.1622, 35.5152, 74.8666
YIQ	156.9830, -44.8880, 9.5440

Conversions

Conversions Part 2

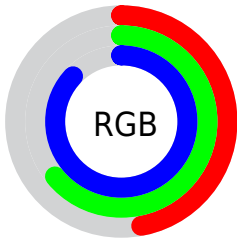
Format	Color
R_{YB}	120, 150, 223
Decimal	7906271
CIE Lab	66.15, 1.41, -34.89
CIE LCh	66, 34.919, 272.321
Yxy	35.5152, 0.2363, 0.2457
Android (android.graphics.Color)	4286096351 (0xFF78A3DF)
YUV	156.9830, 32.5464, -32.4341
Hunter-Lab	59.5946, -1.9666, -32.7677

Details

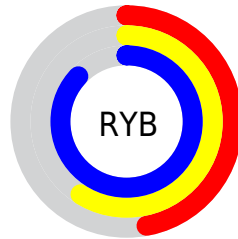
The YUV color **156.9830, 32.5464, -32.4341** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **186.0170, -32.5464, 32.4341**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.6600, 22.3526, -29.5198**, and **103.7330, 31.6836, -35.7228** is the 20% darker color. If you saturate the color by 10%, you get **142.7740, 39.5514, -39.2668**, and if you desaturate by 10%, it is **171.1920, 25.5413, -25.6014**.

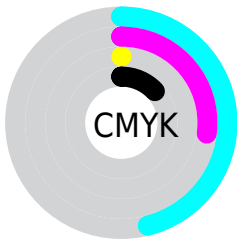
Distribution



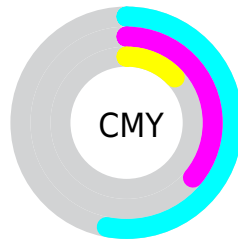
- Red (47%)
- Green (64%)
- Blue (87%)



- Red (47%)
- Yellow (59%)
- Blue (87%)



- Cyan (46%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.9830, 32.5464, -32.4341 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 156.9830, 32.5464, -32.4341 by changing the saturation by 10% instead.

■ 156.9830, 32.5464,
-32.4341

■ 156.9830, 32.5464,
-32.4341

255.0000, 0.0000,
0.0000

■ 130.1570, 31.9676,
-33.4637

■ 209.6600, 22.3526,
-29.5198

■ 103.7330, 31.6836,
-35.7228

■ 234.7670, 9.9749,
-26.1057

■ 76.4120, 31.8419,
-39.8263

■ 248.7210, 3.0955,
-12.9103

■ 50.6780, 31.7107,
-44.4446

■ 35.5010, 26.8680,
-31.1344

■ 21.0250, 22.1727,
-18.4389

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 156.9830, 32.5464,
-32.4341

■ 156.9830, 32.5464,
-32.4341

■ 142.7740, 39.5514,
-39.2668

■ 171.1920, 25.5413,
-25.6014

■ 128.2660, 46.7039,
-46.7143

■ 185.7000, 18.3889,
-18.1539

■ 114.0570, 53.7089,
-53.5470

■ 199.9090, 11.3839,
-11.3212

■ 99.8480, 60.7139,
-60.3797

■ 214.1180, 4.3788,
-4.4885

■ 85.6390, 67.7190,
-67.2124

■ 228.6260, -2.7736,
2.9590

■ 80.0130, 70.4926,
-70.1714

■ 242.8350, -9.7787,
9.7917

■ 250.7650,
-13.6881, 3.7141

■ 251.3520,
-13.9775, 3.1993

Harmonies

Analogous

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



145.5070, 34.2600, -68.8506



156.9830, 32.5464, -32.4341



163.8520, 24.7230, 3.6378

Triad

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



156.9830, 32.5464, -32.4341



162.6660, -16.5973, 50.2819



150.2500, -9.4902, -36.1763

Complementary

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



156.9830, 32.5464, -32.4341



186.0170, -32.5464, 32.4341

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.



155.0550, -23.6911, -7.9412



156.9830, 32.5464, -32.4341



160.8420, -27.0371, 38.7266

Square

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



156.9830, 32.5464, -32.4341



164.3250, -2.6252, 48.8270



158.6130, -29.8822, 17.8794



142.9870, 9.3734, -66.6406

Rectangle

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



156.9830, 32.5464, -32.4341



164.9210, 16.8009, 24.6253



158.6130, -29.8822, 17.8794



151.8230, -15.1957, -26.1548

Sweetspot

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



156.9830, 32.5464, -32.4341



231.9090, 11.3839, -11.3212



187.0730, -4.4730, -58.8230



113.7910, 7.0050, -6.8327



0.0000, 0.0000, 0.0000



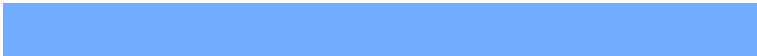
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.9830, 32.5464, -32.4341



165.0060, 44.3670, -43.8553



133.8350, 43.9583, -5.9943



105.1890, 3.3578, -3.6738



62.9150, 55.7509, -55.1765



17.2120, 15.1785, -15.0949

Inverse Universe

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



155.6990, 3.5994, 59.0230



163.4720, 4.6973, 80.2701



209.1650, -43.9583, 5.9943



104.8590, 0.5625, 6.2627



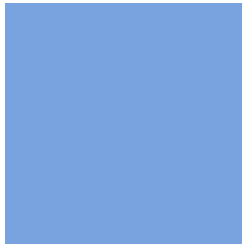
60.9460, 5.9426, 100.9024



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 156.9830, 32.5464, -32.4341 looks on a white background.

Color Contrast Check

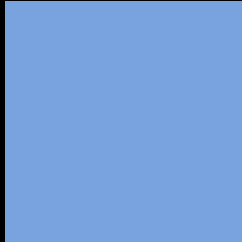
Large Text (above 18pt) WCAG AA × Fail

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 156.9830, 32.5464, -32.4341 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

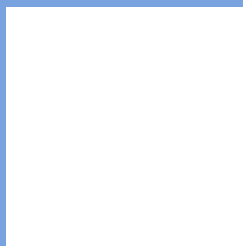
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 156.9830, 32.5464, -32.4341

Background



This preview shows how black text looks on a background with the YUV color 156.9830, 32.5464, -32.4341.



This preview shows how white text looks on a background with the YUV color 156.9830, 32.5464, -32.4341.

-32.4341.

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

156.9830, 32.5464, -32.4341

Protanopia

160.1700, 29.0032, -15.9351

Deuteranopia

159.5440, 31.7768, -18.8941



Tritanopia

153.3570, 15.1070, -38.9011

Trichromacy



Original Color

156.9830, 32.5464, -32.4341

Protanomaly

159.0660, 30.0405, -21.9829

Deuteranomaly

158.6250, 32.2299, -24.2271

Tritanomaly

154.3880, 21.5007, -36.2973

Monochromacy



Original Color

156.9830, 32.5464, -32.4341

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.9830, 32.5464, -32.4341 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, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(120, 163, 223)  
}
```

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, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 163, 223) }
```

Border

The CSS property to change the border of an element to YUV 156.9830, 32.5464, -32.4341 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, 163, 223) }
```


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

```
.border{ border-color:rgb(120, 163, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 163, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 163, 223);  
box-shadow:4px 4px 4px 4px rgb(120, 163,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 156.9830, 32.5464, -32.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 163, 223) }
```

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

```
.background{ background-color: rgb(120,  
163, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor