

Converting Colors

YUV(162.3790, 35.3092,
-31.9044)

Have a look what the booklet for
YUV(162.3790, 35.3092, -31.9044)
contains.

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Color

**YUV(162.3790, 35.3092,
-31.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA7EA
RGB	126, 167, 234
RGB Percent	49%, 65%, 92%
CMY	0.5059, 0.3451, 0.0824
CMYK	0.46, 0.29, 0.00, 0.08
HSL	217°, 72%, 71%
HSV	217°, 46%, 92%
XYZ	37.2742, 38.0136, 83.2147
YIQ	162.3790, -45.9430, 12.1450

Conversions

Conversions Part 2

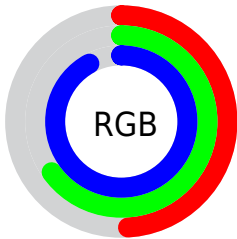
Format	Color
R _Y B	126, 156, 234
Decimal	8300522
CIE Lab	68.03, 3.78, -37.98
CIE LCh	68, 38.164, 275.686
Yxy	38.0136, 0.2352, 0.2398
Android (android.graphics.Color)	4286490602 (0xFF7EA7EA)
YUV	162.3790, 35.3092, -31.9044
Hunter-Lab	61.6551, 0.0173, -36.8639

Details

The YUV color **162.3790, 35.3092, -31.9044** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **197.6210, -35.3092, 31.9044**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1010, 20.1632, -27.2756**, and **108.4280, 34.2990, -34.5784** is the 20% darker color. If you saturate the color by 10%, you get **146.6970, 43.0404, -38.3223**, and if you desaturate by 10%, it is **178.0610, 27.5779, -25.4865**.

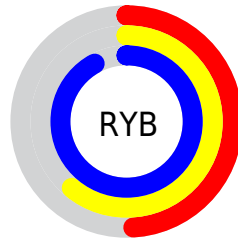
Distribution



Red (49%)

Green (65%)

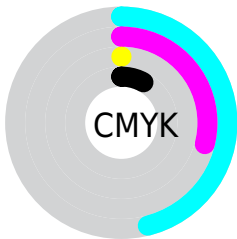
Blue (92%)



Red (49%)

Yellow (61%)

Blue (92%)

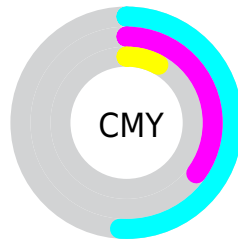


Cyan (46%)

Magenta (29%)

Yellow (0%)

Black (8%)



Cyan (51%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.3790, 35.3092, -31.9044 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 162.3790, 35.3092, -31.9044 by changing the saturation by 10% instead.

■ 162.3790, 35.3092,
-31.9044

■ 162.3790, 35.3092,
-31.9044

255.0000, 0.0000,
0.0000

■ 135.5530, 34.7304,
-32.9340

■ 214.1010, 20.1632,
-27.2756

■ 108.4280, 34.2990,
-34.5784

■ 239.2080, 7.7855,
-23.8614

■ 81.6940, 34.1679,
-39.1966

■ 250.8140, 2.0637,
-8.6069

■ 54.1660, 34.9212,
-47.5036

■ 38.4020, 30.3678,
-33.6786

■ 23.8120, 25.2357,
-20.8831

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 162.3790, 35.3092,
-31.9044

■ 162.3790, 35.3092,
-31.9044

■ 146.6970, 43.0404,
-38.3223

■ 178.0610, 27.5779,
-25.4865

■ 131.3030, 50.6296,
-45.8697

■ 193.4550, 19.9887,
-17.9390

■ 115.6210, 58.3608,
-52.2876

■ 209.1370, 12.2575,
-11.5211

■ 100.2270, 65.9501,
-59.8351

■ 224.5310, 4.6682,
-3.9737

■ 84.5450, 73.6813,
-66.2530

■ 240.2130, -3.0630,
2.4442

■ 78.9190, 76.4549,
-69.2120

■ 252.0190, -8.8834,
2.6143

■ 252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



148.1300, 39.3759, -76.4130



162.3790, 35.3092, -31.9044



168.9280, 26.1645, 7.9561

Triad

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



162.3790, 35.3092, -31.9044



167.1890, -19.8132, 55.0852



153.1350, -8.4476, -43.9684

Complementary

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



162.3790, 35.3092, -31.9044



197.6210, -35.3092, 31.9044

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.



159.0930, -24.6958, -12.3596



162.3790, 35.3092, -31.9044



165.6420, -30.3895, 40.6560

Square

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



162.3790, 35.3092, -31.9044



169.2010, -4.5361, 55.0747



162.8040, -32.9344, 16.8349



142.7510, 13.9268, -80.4656

Rectangle

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



162.3790, 35.3092, -31.9044



170.0680, 17.2215, 29.7584



162.8040, -32.9344, 16.8349



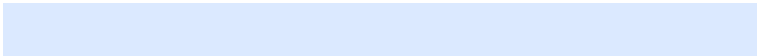
155.0070, -14.3005, -33.3321

Sweetspot

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



162.3790, 35.3092, -31.9044



231.3220, 11.6733, -10.8064



197.0340, -1.9888, -62.2968



113.2040, 7.2944, -6.3179



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.



162.3790, 35.3092, -31.9044



162.0710, 45.8140, -41.2813



142.1990, 45.2579, -2.8055



109.6020, 3.6472, -3.1590



61.1370, 59.0925, -53.6171



17.8960, 17.7993, -15.6948

Inverse Universe

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



162.9660, 1.9888, 62.2968



162.9020, 2.5133, 80.7699



217.8010, -45.2579, 2.8055



109.7450, 0.1257, 6.3626



61.9850, 3.4584, 104.3762



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 162.3790, 35.3092, -31.9044 looks on a white background.

Color Contrast Check

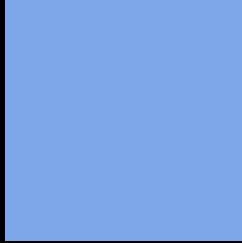
Large Text (above 18pt) WCAG AA × Fail

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 162.3790, 35.3092, -31.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

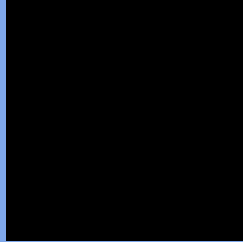
Any Text WCAG AA ✓ Pass

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 162.3790, 35.3092, -31.9044 Background



This preview shows how black text looks on a background with the YUV color 162.3790, 35.3092, -31.9044.



This preview shows how white text looks on a background with the YUV color 162.3790, 35.3092, -31.9044.

-31.9044.

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

162.3790, 35.3092, -31.9044

Protanopia

165.3700, 32.3556, -17.8645

Deuteranopia

164.9180, 34.5504, -21.8531



Tritanopia

158.1720, 15.6912, -39.6158

Trichromacy



Original Color

162.3790, 35.3092, -31.9044

Protanomaly

163.9780, 33.5348, -22.7827

Deuteranomaly

164.0100, 34.9981, -25.4418

Tritanomaly

159.7300, 22.8111, -36.5972

Monochromacy



Original Color

162.3790, 35.3092, -31.9044

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2510, 12.6943, -11.6211

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.3790, 35.3092, -31.9044 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(126, 167, 234)` looks like.

```
.text, #text, p{  
    color:rgb(126, 167, 234)  
}
```

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(126, 167, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 167, 234) }
```

Border

The CSS property to change the border of an element to YUV 162.3790, 35.3092, -31.9044 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(126, 167, 234) }
```


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

```
.border{ border-color:rgb(126, 167, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 167, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 167, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 167, 234); box-shadow:4px 4px 4px 4px rgb(126, 167, 234) }
```

Background

The CSS property to change the background color of an element to YUV 162.3790, 35.3092, -31.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 167, 234) }
```

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

```
.background{ background-color: rgb(126,  
167, 234) }
```

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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