

Converting Colors

YUV(160.3450, 40.2559,
-31.8746)

Have a look what the booklet for
YUV(160.3450, 40.2559, -31.8746)
contains.

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Color

**YUV(160.3450, 40.2559,
-31.8746)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA3F2
RGB	124, 163, 242
RGB Percent	49%, 64%, 95%
CMY	0.5137, 0.3608, 0.0510
CMYK	0.49, 0.33, 0.00, 0.05
HSL	220°, 82%, 72%
HSV	220°, 49%, 95%
XYZ	37.4364, 36.8903, 89.1518
YIQ	160.3450, -48.6030, 16.3010

Conversions

Conversions Part 2

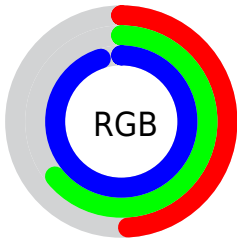
Format	Color
RYB	124, 153, 242
Decimal	8168434
CIELab	67.19, 7.91, -43.67
CIELCh	67, 44.378, 280.274
Yxy	36.8903, 0.2290, 0.2257
Android (android.graphics.Color)	4286358514 (0xFF7CA3F2)
YUV	160.3450, 40.2559, -31.8746
Hunter-Lab	60.7374, 3.7308, -44.5112

Details

The YUV color **160.3450, 40.2559, -31.8746** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **205.6550, -40.2559, 31.8746**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4540, 21.4682, -25.8312**, and **106.2690, 38.8144, -36.1929** is the 20% darker color. If you saturate the color by 10%, you get **143.7770, 48.4239, -38.3924**, and if you desaturate by 10%, it is **176.9130, 32.0879, -25.3567**.

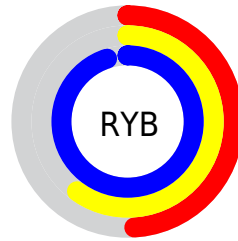
Distribution



Red (49%)

Green (64%)

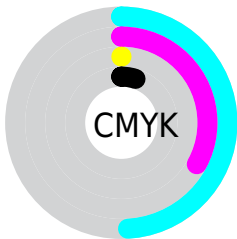
Blue (95%)



Red (49%)

Yellow (60%)

Blue (95%)

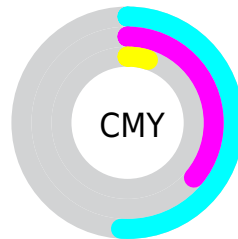


Cyan (49%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3450, 40.2559, -31.8746 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 160.3450, 40.2559, -31.8746 by changing the saturation by 10% instead.

■ 160.3450, 40.2559,
-31.8746

■ 160.3450, 40.2559,
-31.8746

255.0000, 0.0000,
0.0000

■ 133.1060, 39.3877,
-33.4190

■ 211.4540, 21.4682,
-25.8312

■ 106.2690, 38.8144,
-36.1929

■ 236.5610, 9.0904,
-22.4170

■ 78.3390, 39.2729,
-43.2703

■ 250.8140, 2.0637,
-8.6069

■ 53.2030, 38.8469,
-46.6590

■ 37.3250, 33.8568,
-32.7340

■ 23.3220, 28.4353,
-20.4534

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 160.3450, 40.2559,
-31.8746

■ 160.3450, 40.2559,
-31.8746

■ 143.7770, 48.4239,
-38.3924

■ 176.9130, 32.0879,
-25.3567

■ 127.2090, 56.5920,
-44.9103

■ 193.4810, 23.9199,
-18.8388

■ 109.7550, 65.1968,
-51.5281

■ 210.9350, 15.3150,
-12.2210

■ 93.1870, 73.3648,
-58.0460

■ 227.5030, 7.1470,
-5.7031

■ 76.6190, 81.5328,
-64.5639

■ 244.0710, -1.0210,
0.8147

■ 74.5480, 82.5538,
-65.3786

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



131.3520, 52.5775, -110.8107



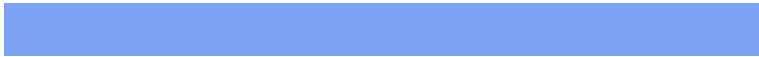
160.3450, 40.2559, -31.8746



167.8410, 28.1794, 15.0484

Triad

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



160.3450, 40.2559, -31.8746



163.9680, -24.6342, 61.4181



144.9480, -4.9044, -60.4674

Complementary

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



160.3450, 40.2559, -31.8746



205.6550, -40.2559, 31.8746

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.



153.9950, -26.1265, -20.1666



160.3450, 40.2559, -31.8746



162.0460, -36.5047, 42.0557

Square

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



160.3450, 40.2559, -31.8746



165.8710, -7.3314, 65.0111



159.2290, -37.5809, 13.8312



128.0720, 23.6285, -112.3191

Rectangle

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



160.3450, 40.2559, -31.8746



168.2480, 17.6257, 40.1245



159.2290, -37.5809, 13.8312



149.1580, -13.3889, -45.7426

Sweetspot

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



160.3450, 40.2559, -31.8746



228.3760, 13.1256, -9.9768



202.2720, 0.3589, -68.6445



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.



160.3450, 40.2559, -31.8746



150.8630, 51.3395, -40.2219



143.4320, 48.5940, 0.4981



111.7160, 4.0840, -3.2589



56.7830, 62.7180, -49.7987



17.5370, 18.9623, -15.3799

Inverse Universe

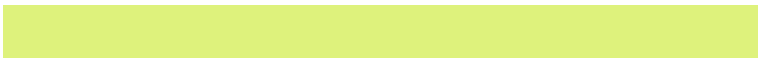
The Inverse Universe completely reimagines the original color for something new.



163.7280, -0.3589, 68.6445



155.4360, -0.7079, 87.3176



222.5680, -48.5940, -0.4981



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 160.3450, 40.2559, -31.8746 looks on a white background.

Color Contrast Check

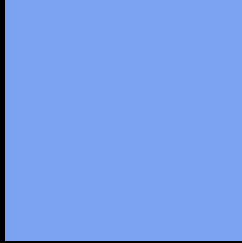
Large Text (above 18pt) WCAG AA × Fail

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 160.3450, 40.2559, -31.8746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

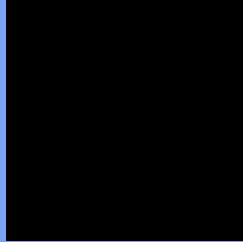
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.3450, 40.2559, -31.8746

Background



This preview shows how black text looks on a background with the YUV color 160.3450, 40.2559, -31.8746.



This preview shows how white text looks on a background with the YUV color 160.3450, 40.2559, -31.8746.

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

160.3450, 40.2559, -31.8746

Protanopia

161.9440, 38.4816, -22.7529

Deuteranopia

160.9540, 39.9557, -28.9007



Tritanopia

155.5630, 15.9914, -42.5898

Trichromacy



Original Color

160.3450, 40.2559, -31.8746

Protanomaly

161.4490, 39.2186, -25.8268

Deuteranomaly

160.6550, 40.1031, -29.5154

Tritanomaly

157.2890, 25.0005, -38.8415

Monochromacy



Original Color

160.3450, 40.2559, -31.8746

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1200, 14.7308, -11.5062

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3450, 40.2559, -31.8746 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(124, 163, 242)` looks like.

```
.text, #text, p{  
    color:rgb(124, 163, 242)  
}
```

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(124, 163, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 163, 242) }
```

Border

The CSS property to change the border of an element to YUV 160.3450, 40.2559, -31.8746 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(124, 163, 242) }
```


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

```
.border{ border-color:rgb(124, 163, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 163, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 163, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 163, 242); box-shadow:4px 4px 4px 4px rgb(124, 163, 242) }
```

Background

The CSS property to change the background color of an element to YUV 160.3450, 40.2559, -31.8746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 163, 242) }
```

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

```
.background{ background-color: rgb(124,  
163, 242) }
```

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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