

Converting Colors

YUV(161.0980, 31.5037,
-24.6419)

Have a look what the booklet for
YUV(161.0980, 31.5037, -24.6419)
contains.

YUV(161.0980, 31.5037, -24.6419)	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(161.0980, 31.5037,
-24.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	85A3E1
RGB	133, 163, 225
RGB Percent	52%, 64%, 88%
CMY	0.4784, 0.3608, 0.1176
CMYK	0.41, 0.28, 0.00, 0.12
HSL	220°, 61%, 70%
HSV	220°, 41%, 88%
XYZ	36.3607, 36.6172, 76.3856
YIQ	161.0980, -37.7820, 12.9220

Conversions

Conversions Part 2

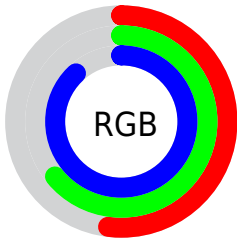
Format	Color
RYB	133, 156, 225
Decimal	8758241
CIELab	66.99, 5.26, -34.63
CIELCh	67, 35.023, 278.633
Yxy	36.6172, 0.2434, 0.2452
Android (android.graphics.Color)	4286948321 (0xFF85A3E1)
YUV	161.0980, 31.5037, -24.6419
Hunter-Lab	60.5121, 1.3613, -32.4844

Details

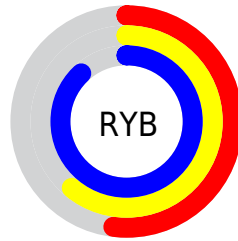
The YUV color **161.0980, 31.5037, -24.6419** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **196.9020, -31.5037, 24.6419**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5470, 20.4363, -21.5277**, and **108.3320, 29.9093, -26.6012** is the 20% darker color. If you saturate the color by 10%, you get **145.7150, 39.0875, -30.4451**, and if you desaturate by 10%, it is **176.4810, 23.9199, -18.8388**.

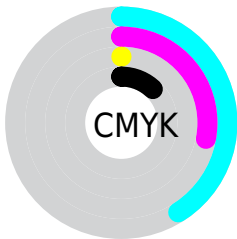
Distribution



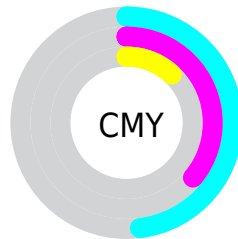
- Red (52%)
- Green (64%)
- Blue (88%)



- Red (52%)
- Yellow (61%)
- Blue (88%)



- Cyan (41%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (48%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.0980, 31.5037, -24.6419 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 161.0980, 31.5037, -24.6419 by changing the saturation by 10% instead.

■ 161.0980, 31.5037,
-24.6419

■ 161.0980, 31.5037,
-24.6419

255.0000, 0.0000,
0.0000

■ 134.5710, 30.7775,
-25.0568

■ 213.5470, 20.4363,
-21.5277

■ 108.3320, 29.9093,
-26.6012

■ 238.6540, 8.0586,
-18.1136

■ 82.3210, 29.9147,
-28.3455

■ 252.6080, 1.1793,
-4.9182

■ 55.6900, 30.2258,
-34.8081

■ 35.7290, 27.7416,
-31.3343

■ 21.2530, 23.0463,
-18.6389

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 161.0980, 31.5037,
-24.6419

■ 161.0980, 31.5037,
-24.6419

■ 145.7150, 39.0875,
-30.4451

■ 176.4810, 23.9199,
-18.8388

■ 130.0330, 46.8187,
-36.8629

■ 192.1630, 16.1886,
-12.4210

■ 114.6500, 54.4026,
-42.6660

■ 207.8450, 8.4574,
-6.0031

■ 98.3810, 62.4232,
-48.5691

■ 223.8150, 0.5842,
-0.7148

■ 82.9980, 70.0070,
-54.3722

■ 239.4970, -7.1470,
5.7031

■ 68.5010, 77.1540,
-60.0754

■ 250.9930,
-12.8145, 3.5141

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



150.0780, 34.9645, -61.4584



161.0980, 31.5037, -24.6419



166.9130, 22.2279, 10.6003

Triad

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



161.0980, 31.5037, -24.6419



164.2700, -19.3601, 49.7522



150.8300, -5.8322, -42.8239

Complementary

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



161.0980, 31.5037, -24.6419



196.9020, -31.5037, 24.6419

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.



156.5920, -21.4909, -13.6742



161.0980, 31.5037, -24.6419



162.4780, -28.3367, 35.5378

Square

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



161.0980, 31.5037, -24.6419



166.2390, -5.5408, 50.6564



159.9930, -29.5765, 13.1611



143.3930, 13.6103, -72.2587

Rectangle

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



161.0980, 31.5037, -24.6419



167.5580, 14.0219, 29.3286



159.9930, -29.5765, 13.1611



152.9900, -11.8271, -33.3172

Sweetspot

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



161.0980, 31.5037, -24.6419



233.4040, 10.6468, -8.2473



193.9580, 0.0207, -53.4602



114.9870, 6.4154, -4.3736



0.0000, 0.0000, 0.0000



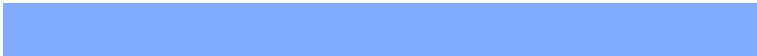
128.0000, 0.0000, 0.0000

Same Dimension

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



161.0980, 31.5037, -24.6419



168.3170, 42.7347, -33.6040



147.9730, 37.9743, 0.0237



104.6020, 3.6472, -3.1590



53.5230, 60.3812, -46.9397



14.8640, 16.3360, -13.0357

Inverse Universe

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



163.9280, -0.4575, 53.5601



172.0490, -0.5172, 72.7480



210.0270, -37.9743, -0.0237



104.7450, 0.1257, 6.3626



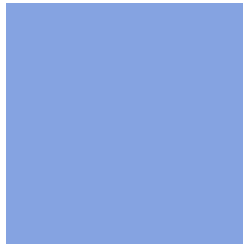
59.1220, -1.0461, 102.5020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 161.0980, 31.5037, -24.6419 looks on a white background.

Color Contrast Check

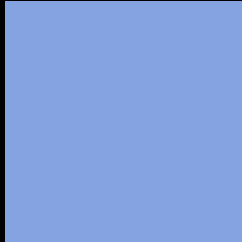
Large Text (above 18pt) WCAG AA × Fail

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 161.0980, 31.5037, -24.6419 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 161.0980, 31.5037, -24.6419

Background



This preview shows how black text looks on a background with the YUV color 161.0980, 31.5037, -24.6419.



This preview shows how white text looks on a background with the YUV color 161.0980, 31.5037, -24.6419.

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

161.0980, 31.5037, -24.6419

Protanopia

162.3980, 29.8768, -16.1350

Deuteranopia

162.7290, 31.1926, -18.1793



Tritanopia

157.8310, 12.9013, -31.4238

Trichromacy



Original Color

161.0980, 31.5037, -24.6419

Protanomaly

161.9030, 30.6138, -19.2089

Deuteranomaly

162.4190, 31.3454, -20.5385

Tritanomaly

158.9760, 19.7318, -28.9200

Monochromacy



Original Color

161.0980, 31.5037, -24.6419

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.2190, 11.2310, -8.9621

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.0980, 31.5037, -24.6419 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(133, 163, 225)` looks like.

```
.text, #text, p{  
    color:rgb(133, 163, 225)  
}
```

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(133, 163, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 163, 225) }
```

Border

The CSS property to change the border of an element to YUV 161.0980, 31.5037, -24.6419 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

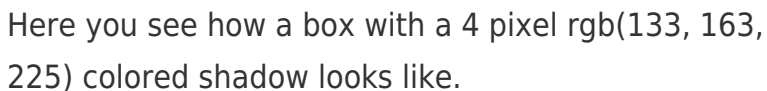
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 163, 225) }
```


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

```
.border{ border-color:rgb(133, 163, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(133, 163, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 163, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 163, 225);  
box-shadow:4px 4px 4px 4px rgb(133, 163,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 161.0980, 31.5037, -24.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 163, 225) }
```

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

```
.background{ background-color: rgb(133,  
163, 225) }
```

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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