

Converting Colors

YUV(160.8120, 31.6447,
-69.9951)

Have a look what the booklet for
YUV(160.8120, 31.6447, -69.9951)
contains.

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Color

**YUV(160.8120, 31.6447,
-69.9951)**

Conversions

Conversions Part 1

Format	Color
Hex	51BDE1
RGB	81, 189, 225
RGB Percent	32%, 74%, 88%
CMY	0.6824, 0.2588, 0.1176
CMYK	0.64, 0.16, 0.00, 0.12
HSL	195°, 71%, 60%
HSV	195°, 64%, 88%
XYZ	35.1815, 43.5808, 77.7918
YIQ	160.8120, -75.9240, -11.7000

Conversions

Conversions Part 2

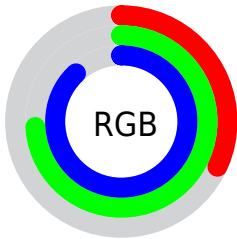
Format	Color
R _Y B	81, 143, 225
Decimal	5357025
CIE Lab	71.95, -20.08, -27.16
CIE LCh	72, 33.779, 233.521
Yxy	43.5808, 0.2247, 0.2784
Android (android.graphics.Color)	4283547105 (0xFF51BDE1)
YUV	160.8120, 31.6447, -69.9951
Hunter-Lab	66.0157, -20.4001, -23.6553

Details

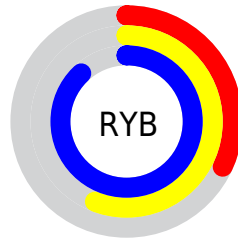
The YUV color **160.8120, 31.6447, -69.9951** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **145.1880, -31.6447, 69.9951**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9410, 19.2561, -63.0923**, and **99.2120, 34.8985, -87.0089** is the 20% darker color. If you saturate the color by 10%, you get **150.7120, 36.6240, -80.4314**, and if you desaturate by 10%, it is **170.9120, 26.6654, -59.5588**.

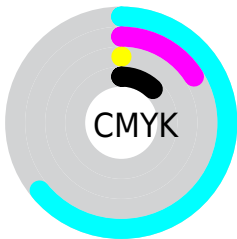
Distribution



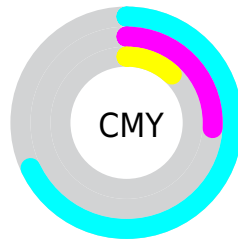
- Red (32%)
- Green (74%)
- Blue (88%)



- Red (32%)
- Yellow (56%)
- Blue (88%)



- Cyan (64%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (68%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.8120, 31.6447, -69.9951 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 160.8120, 31.6447, -69.9951 by changing the saturation by 10% instead.

■ 160.8120, 31.6447,
-69.9951

■ 160.8120, 31.6447,
-69.9951

■ 255.0000, 0.0000,
0.0000

■ 130.4090, 32.8294,
-76.6577

■ 215.9410, 19.2561,
-63.0923

■ 99.2120, 34.8985,
-87.0089

■ 230.7810, 11.9400,
-49.7969

■ 80.8720, 30.6291,
-70.9247

■ 239.7510, 7.5178,
-31.3536

■ 63.8200, 26.2177,
-55.9701

■ 248.7210, 3.0955,
-12.9103

■ 46.9960, 22.6800,
-41.2155

■ 31.3460, 18.5634,
-27.4904

■ 14.6360, 15.4625,

-12.8358

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 160.8120, 31.6447,
-69.9951

■ 160.8120, 31.6447,
-69.9951

■ 150.7120, 36.6240,
-80.4314

■ 170.9120, 26.6654,
-59.5588

■ 140.9000, 41.4613,
-91.9973

■ 180.7240, 21.8281,
-47.9929

■ 130.8000, 46.4406,
-102.4336

■ 190.8240, 16.8488,
-37.5566

■ 124.8530, 49.3725,
-109.4961

■ 200.6360, 12.0115,
-25.9908

■ 211.0350, 6.8847,
-14.9397

■ 221.1350, 1.9054,
-4.5034

■ 230.9470, -2.9319,
7.0625

■ 239.2530, -7.0267,
13.8101

■ 242.7750, -8.7631,
10.7213

Harmonies

Analogous

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



157.6190, 20.8938, -75.0879



160.8120, 31.6447, -69.9951



170.3410, 32.8629, -40.6411

Triad

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



160.8120, 31.6447, -69.9951



180.7420, 1.6062, 44.9533



171.8280, -26.0442, 0.1508

Complementary

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



160.8120, 31.6447, -69.9951



145.1880, -31.6447, 69.9951

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.



175.0700, -29.6145, 25.3716



160.8120, 31.6447, -69.9951



178.7030, -12.6716, 51.1265

Square

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



160.8120, 31.6447, -69.9951



180.6930, 15.9274, 24.8252



177.5590, -24.4326, 43.3598



167.7520, -14.1747, -26.9695

Rectangle

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



160.8120, 31.6447, -69.9951



176.2730, 29.4454, -17.7794



177.5590, -24.4326, 43.3598



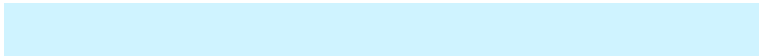
173.3130, -28.2553, 9.3725

Sweetspot

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



160.8120, 31.6447, -69.9951



233.6040, 10.5482, -23.3317



169.6320, -25.9476, -77.7303



114.3340, 6.7373, -14.3249



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.



160.8120, 31.6447, -69.9951



167.6330, 43.0719, -95.2711



118.5480, 52.4808, -32.9296



106.9500, 2.4897, -5.2181



97.5480, 38.6768, -85.5496



26.6040, 10.5482, -23.3317

Inverse Universe

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



136.3680, 25.9476, 77.7303



134.3620, 35.3175, 105.7995



187.4520, -52.4808, 32.9296



105.2010, 1.8729, 5.9627



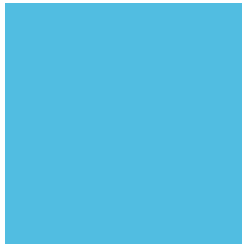
67.6720, 31.7137, 95.0037



18.4560, 8.6492, 25.9101

Previews

White Background



This preview shows how the YUV color 160.8120, 31.6447, -69.9951 looks on a white background.

Color Contrast Check

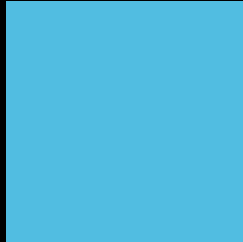
Large Text (above 18pt) WCAG AA × Fail

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 160.8120, 31.6447, -69.9951 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 160.8120, 31.6447, -69.9951 Background



This preview shows how black text looks on a background with the YUV color 160.8120, 31.6447, -69.9951.



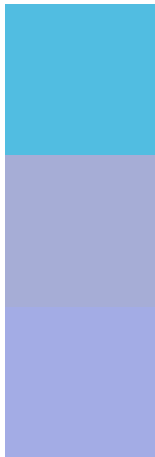
This preview shows how white text looks on a background with the YUV color 160.8120, 31.6447, -69.9951.

-69.9951.

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

160.8120, 31.6447, -69.9951

Protanopia

175.5810, 18.9406, -8.4025

Deuteranopia

175.8070, 26.2241, -11.2317



Tritanopia

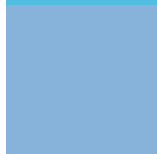
157.9440, 24.6776, -75.3729

Trichromacy



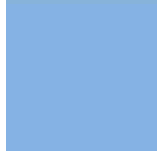
Original Color

160.8120, 31.6447, -69.9951



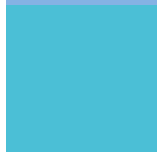
Protanomaly

170.2900, 23.5210, -30.9493



Deuteranomaly

170.2450, 28.4732, -32.6639



Tritanomaly

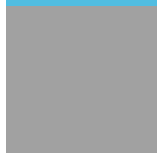
158.9380, 27.1456, -73.6136

Monochromacy



Original Color

160.8120, 31.6447, -69.9951



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.8210, 11.4272, -25.2760

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.8120, 31.6447, -69.9951 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(81, 189, 225)` looks like.

```
.text, #text, p{  
    color:rgb(81, 189, 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(81, 189, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 189, 225) }
```

Border

The CSS property to change the border of an element to YUV 160.8120, 31.6447, -69.9951 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(81, 189, 225) }
```


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

```
.border{ border-color:rgb(81, 189, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 189, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 189, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 189, 225);  
box-shadow:4px 4px 4px 4px rgb(81, 189,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 160.8120, 31.6447, -69.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 189, 225) }
```

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

```
.background{ background-color: rgb(81, 189,  
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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