

Converting Colors

YUV(160.7440, 41.5382,
-69.9355)

Have a look what the booklet for
YUV(160.7440, 41.5382, -69.9355)
contains.

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Color

**YUV(160.7440, 41.5382,
-69.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	51B9F5
RGB	81, 185, 245
RGB Percent	32%, 73%, 96%
CMY	0.6824, 0.2745, 0.0392
CMYK	0.67, 0.24, 0.00, 0.04
HSL	202°, 89%, 64%
HSV	202°, 67%, 96%
XYZ	37.2237, 43.0398, 92.7318
YIQ	160.7440, -81.2440, -3.3880

Conversions

Conversions Part 2

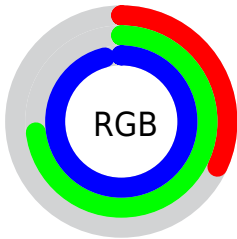
Format	Color
R _Y B	81, 145, 245
Decimal	5356021
CIE Lab	71.58, -11.69, -38.57
CIE LCh	72, 40.307, 253.138
Yxy	43.0398, 0.2152, 0.2488
Android (android.graphics.Color)	4283546101 (0xFF51B9F5)
YUV	160.7440, 41.5382, -69.9355
Hunter-Lab	65.6047, -13.5285, -37.8827

Details

The YUV color **160.7440, 41.5382, -69.9355** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **165.2560, -41.5382, 69.9355**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1910, 20.1188, -59.8035**, and **98.9160, 43.9184, -86.7493** is the 20% darker color. If you saturate the color by 10%, you get **148.2850, 47.6805, -80.0569**, and if you desaturate by 10%, it is **173.5020, 35.2485, -59.1993**.

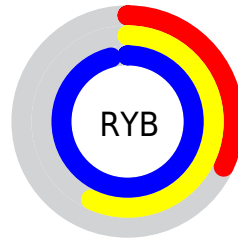
Distribution



Red (32%)

Green (73%)

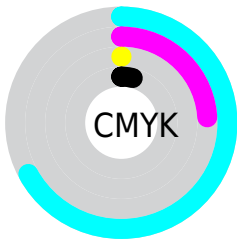
Blue (96%)



Red (32%)

Yellow (57%)

Blue (96%)

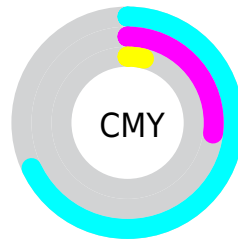


Cyan (67%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (68%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7440, 41.5382, -69.9355 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 160.7440, 41.5382, -69.9355 by changing the saturation by 10% instead.

■ 160.7440, 41.5382,
-69.9355

■ 160.7440, 41.5382,
-69.9355

■ 255.0000, 0.0000,
0.0000

■ 129.3300, 42.7283,
-78.3424

■ 214.1910, 20.1188,
-59.8035

■ 98.9160, 43.9184,
-86.7493

■ 231.3790, 11.6452,
-48.5674

■ 81.1630, 39.3596,
-71.1800

■ 240.6480, 7.0755,
-29.5093

■ 64.1110, 34.9483,
-56.2253

■ 249.9170, 2.5059,
-10.4512

■ 47.6460, 30.2475,
-41.7855

■ 31.8820, 25.6942,
-27.9605

■ 16.3460, 22.0144,

-14.3354

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,
-2.1144

■ 160.7440, 41.5382,
-69.9355

■ 160.7440, 41.5382,
-69.9355

■ 148.2850, 47.6805,
-80.0569

■ 173.5020, 35.2485,
-59.1993

■ 135.5270, 53.9702,
-90.7932

■ 185.9610, 29.1062,
-49.0778

■ 123.0680, 60.1125,
-100.9146

■ 198.7190, 22.8165,
-38.3416

■ 118.9150, 62.1599,
-104.2885

■ 211.1780, 16.6742,
-28.2201

■ 223.6370, 10.5320,
-18.0986

■ 236.3950, 4.2423,
-7.3624

■ 248.8540, -1.9000,
2.7590

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



138.2400, 42.2797, -121.2365



160.7440, 41.5382, -69.9355



173.9610, 36.0082, -22.7678

Triad

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



160.7440, 41.5382, -69.9355



178.3820, -9.0623, 60.1780



166.4940, -22.9215, -21.4812

Complementary

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



160.7440, 41.5382, -69.9355



165.2560, -41.5382, 69.9355

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.



170.8310, -33.9337, 10.6722



160.7440, 41.5382, -69.9355



176.6360, -24.4705, 55.5702

Square

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



160.7440, 41.5382, -69.9355



180.0010, 8.8735, 47.3571



174.2950, -34.1624, 37.4523



159.1380, -3.0260, -56.2490

Rectangle

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



160.7440, 41.5382, -69.9355



178.3020, 28.9381, 4.9971



174.2950, -34.1624, 37.4523



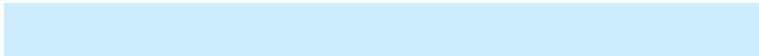
168.3060, -27.7589, -9.9154

Sweetspot

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



160.7440, 41.5382, -69.9355



228.5980, 13.0162, -21.5724



183.7660, -22.5626, -90.1258



111.6870, 8.0423, -12.8805



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.



160.7440, 41.5382, -69.9355



149.9790, 51.7754, -86.8046



114.3710, 64.4001, -29.2664



116.0640, 2.9264, -5.3181



90.4700, 47.0963, -79.3422



28.4450, 15.0636, -24.9463

Inverse Universe

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



141.8920, 21.2522, 90.4257



126.7020, 26.2759, 112.5173



211.6290, -64.4001, 29.2664



114.5000, 1.7255, 6.5775



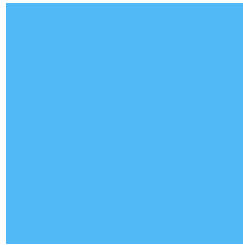
69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 160.7440, 41.5382, -69.9355 looks on a white background.

Color Contrast Check

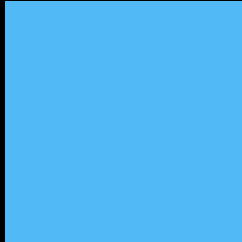
Large Text (above 18pt) WCAG AA × Fail

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 160.7440, 41.5382, -69.9355 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

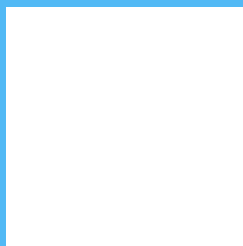
Any Text WCAG AAA ✓ Pass

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

YUV 160.7440, 41.5382, -69.9355 Background



This preview shows how black text looks on a background with the YUV color 160.7440, 41.5382, -69.9355.



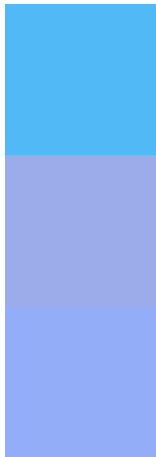
This preview shows how white text looks on a background with the YUV color 160.7440, 41.5382, -69.9355.

-69.9355.

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

160.7440, 41.5382, -69.9355

Protanopia

174.3980, 29.8768, -16.1350

Deuteranopia

173.7760, 36.5924, -23.4826



Tritanopia

153.9430, 26.1571, -83.2650

Trichromacy



Original Color

160.7440, 41.5382, -69.9355

Protanomaly

169.7160, 34.1570, -35.7079

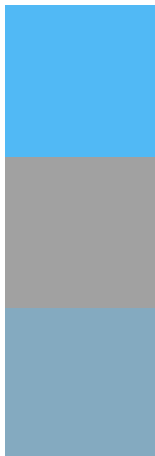
Deuteranomaly

168.8340, 38.5358, -40.1964

Tritanomaly

156.1700, 31.9612, -78.2021

Monochromacy



Original Color

160.7440, 41.5382, -69.9355

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.1460, 15.2110, -25.5610

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7440, 41.5382, -69.9355 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, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(81, 185, 245)  
}
```

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, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 185, 245) }
```

Border

The CSS property to change the border of an element to YUV 160.7440, 41.5382, -69.9355 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, 185, 245) }
```


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

```
.border{ border-color:rgb(81, 185, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 185, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 185, 245);  
box-shadow:4px 4px 4px 4px rgb(81, 185,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 160.7440, 41.5382, -69.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 185, 245) }
```

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

```
.background{ background-color: rgb(81, 185,  
245) }
```

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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