

Converting Colors

YUV(152.1840, 40.8283,
-75.5834)

Have a look what the booklet for
YUV(152.1840, 40.8283, -75.5834)
contains.

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Color

**YUV(152.1840, 40.8283,
-75.5834)**

Conversions

Conversions Part 1

Format	Color
Hex	42B4EB
RGB	66, 180, 235
RGB Percent	26%, 71%, 92%
CMY	0.7412, 0.2941, 0.0784
CMYK	0.72, 0.23, 0.00, 0.08
HSL	200°, 81%, 59%
HSV	200°, 72%, 92%
XYZ	33.5634, 39.7989, 84.5102
YIQ	152.1840, -85.5990, -7.0630

Conversions

Conversions Part 2

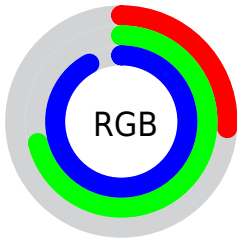
Format	Color
R _Y B	66, 134, 235
Decimal	4371691
CIE Lab	69.33, -14.37, -36.69
CIE LCh	69, 39.402, 248.604
Yxy	39.7989, 0.2126, 0.2521
Android (android.graphics.Color)	4282561771 (0xFF42B4EB)
YUV	152.1840, 40.8283, -75.5834
Hunter-Lab	63.0864, -15.4350, -35.2641

Details

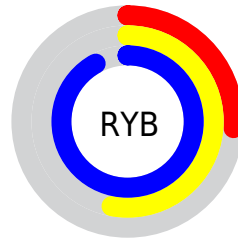
The YUV color **152.1840, 40.8283, -75.5834** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **148.8160, -40.8283, 75.5834**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6680, 23.3347, -64.6068**, and **94.9550, 41.4342, -83.2755** is the 20% darker color. If you saturate the color by 10%, you get **140.6110, 46.5338, -85.6048**, and if you desaturate by 10%, it is **164.0560, 34.9754, -64.9471**.

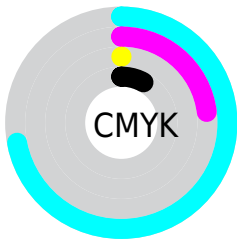
Distribution



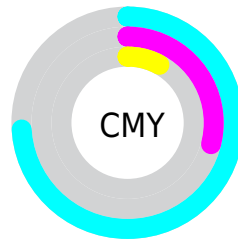
- Red (26%)
- Green (71%)
- Blue (92%)



- Red (26%)
- Yellow (53%)
- Blue (92%)



- Cyan (72%)
- Magenta (23%)
- Yellow (0%)
- Black (8%)



- Cyan (74%)
- Magenta (29%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.1840, 40.8283, -75.5834 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 152.1840, 40.8283, -75.5834 by changing the saturation by 10% instead.

■ 152.1840, 40.8283,
-75.5834

■ 152.1840, 40.8283,
-75.5834

■ 255.0000, 0.0000,
0.0000

■ 115.2030, 45.2559,
-95.7710

■ 207.6680, 23.3347,
-64.6068

■ 94.9550, 41.4342,
-83.2755

■ 228.0900, 13.2666,
-55.3299

■ 77.2020, 36.8754,
-67.7062

■ 237.0600, 8.8444,
-36.8866

■ 60.1500, 32.4641,
-52.7515

■ 246.3290, 4.2748,
-17.8285

■ 44.3860, 27.9107,
-38.9265

■ 28.6220, 23.3574,
-25.1015

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 152.1840, 40.8283,
-75.5834

■ 152.1840, 40.8283,
-75.5834

■ 140.6110, 46.5338,
-85.6048

■ 164.0560, 34.9754,
-64.9471

■ 129.3260, 52.0973,
-96.7559

■ 175.0420, 29.5593,
-54.4108

■ 120.1230, 56.6344,
-105.3479

■ 186.9140, 23.7064,
-43.7746

■ 198.4870, 18.0009,
-33.7531

■ 209.7720, 12.4374,
-22.6020

■ 221.3450, 6.7319,
-12.5806

■ 233.2170, 0.8790,
-1.9443

■ 244.2030, -4.5371,
8.5920

■ 249.1980, -6.9996,
5.0884

Harmonies

Analogous

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



133.4640, 39.2112, -117.0479



152.1840, 40.8283, -75.5834



166.6290, 36.1719, -28.6156

Triad

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



152.1840, 40.8283, -75.5834



172.1690, -5.9993, 57.7338



161.4840, -24.3956, -15.3335

Complementary

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



152.1840, 40.8283, -75.5834



148.8160, -40.8283, 75.5834

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.



165.3800, -33.2183, 14.5757



152.1840, 40.8283, -75.5834



170.6190, -21.9972, 55.5851

Square

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



152.1840, 40.8283, -75.5834



173.8370, 10.9264, 42.2390



168.4740, -32.2787, 39.9263



154.9710, -6.3947, -49.0866

Rectangle

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



152.1840, 40.8283, -75.5834



172.0840, 29.5386, -0.9507



168.4740, -32.2787, 39.9263



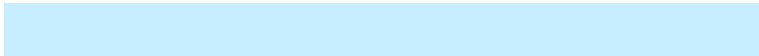
162.8120, -28.5013, -5.0971

Sweetspot

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



152.1840, 40.8283, -75.5834



227.6900, 13.4638, -25.1611



171.3590, -25.3200, -92.3998



111.3770, 8.1951, -15.2396



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.



152.1840, 40.8283, -75.5834



147.8420, 52.8289, -98.0854



103.4630, 64.8477, -32.8551



111.3630, 2.7790, -4.7034



92.2480, 43.7547, -80.9015



27.2880, 13.1690, -23.9316

Inverse Universe

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



129.5270, 24.8832, 92.4998



118.3530, 32.3640, 119.8394



197.5370, -64.8477, 32.8551



110.0870, 1.4361, 6.0627



68.0270, 26.6087, 99.0773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 152.1840, 40.8283, -75.5834 looks on a white background.

Color Contrast Check

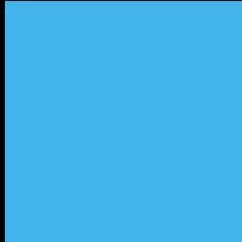
Large Text (above 18pt) WCAG AA × Fail

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 152.1840, 40.8283, -75.5834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

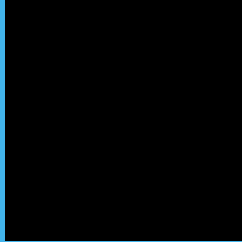
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

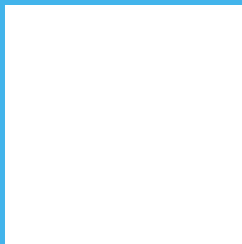
Any Text WCAG AAA ✓ Pass

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

YUV 152.1840, 40.8283, -75.5834 Background



This preview shows how black text looks on a background with the YUV color 152.1840, 40.8283, -75.5834.



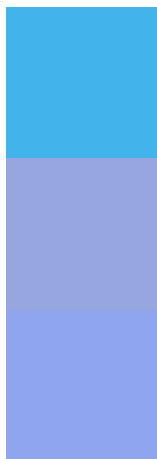
This preview shows how white text looks on a background with the YUV color 152.1840, 40.8283, -75.5834.

-75.5834.

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

152.1840, 40.8283, -75.5834

Protanopia

168.4260, 27.3980, -14.4056

Deuteranopia

167.3310, 34.8398, -21.3383



Tritanopia

143.7570, 28.2208, -91.8719

Trichromacy



Original Color

152.1840, 40.8283, -75.5834

Protanomaly

162.5480, 32.2678, -36.4376

Deuteranomaly

161.7800, 37.0835, -41.0261

Tritanomaly

146.9410, 32.5671, -85.8943

Monochromacy



Original Color

152.1840, 40.8283, -75.5834

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0210, 14.7796, -27.2054

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.1840, 40.8283, -75.5834 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(66, 180, 235)` looks like.

```
.text, #text, p{  
    color:rgb(66, 180, 235)  
}
```

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(66, 180, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 180, 235) }
```

Border

The CSS property to change the border of an element to YUV 152.1840, 40.8283, -75.5834 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(66, 180, 235) }
```


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

```
.border{ border-color:rgb(66, 180, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 180, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 180, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 180, 235);  
box-shadow:4px 4px 4px 4px rgb(66, 180,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 152.1840, 40.8283, -75.5834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 180, 235) }
```

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

```
.background{ background-color: rgb(66, 180,  
235) }
```

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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