

Converting Colors

YUV(153.5720, 49.0180,
-89.0786)

Have a look what the booklet for
YUV(153.5720, 49.0180, -89.0786)
contains.

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Color

**YUV(153.5720, 49.0180,
-89.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	34BAFD
RGB	52, 186, 253
RGB Percent	20%, 73%, 99%
CMY	0.7961, 0.2706, 0.0078
CMYK	0.79, 0.26, 0.00, 0.01
HSL	200°, 98%, 60%
HSV	200°, 79%, 99%
XYZ	36.7047, 42.9397, 99.2822
YIQ	153.5720, -101.3710, -7.5710

Conversions

Conversions Part 2

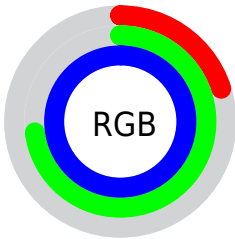
Format	Color
R _Y B	52, 132, 253
Decimal	3455741
CIE Lab	71.51, -13.11, -43.05
CIE LCh	72, 45.004, 253.068
Yxy	42.9397, 0.2051, 0.2400
Android (android.graphics.Color)	4281645821 (0xFF34BAFD)
YUV	153.5720, 49.0180, -89.0786
Hunter-Lab	65.5284, -14.6908, -43.9605

Details

The YUV color **153.5720, 49.0180, -89.0786** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **151.4280, -49.0180, 89.0786**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3960, 22.4828, -71.3843**, and **100.4150, 47.1234, -88.0640** is the 20% darker color. If you saturate the color by 10%, you get **141.4010, 55.0183, -100.3297**, and if you desaturate by 10%, it is **165.7430, 43.0177, -77.8276**.

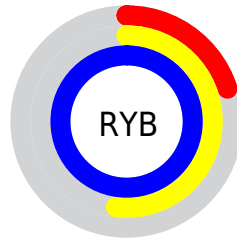
Distribution



Red (20%)

Green (73%)

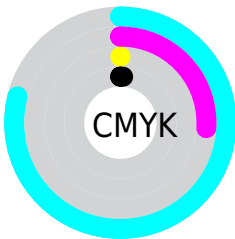
Blue (99%)



Red (20%)

Yellow (52%)

Blue (99%)

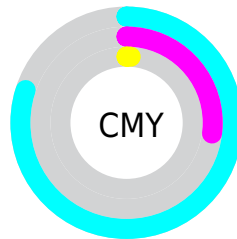


Cyan (79%)

Magenta (26%)

Yellow (0%)

Black (1%)



Cyan (80%)

Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5720, 49.0180, -89.0786 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 153.5720, 49.0180, -89.0786 by changing the saturation by 10% instead.

■ 153.5720, 49.0180,
-89.0786

■ 153.5720, 49.0180,
-89.0786

255.0000, 0.0000,
0.0000

■ 118.8690, 51.8296,
-104.2481

■ 209.3960, 22.4828,
-71.3843

■ 100.4150, 47.1234,
-88.0640

■ 226.8940, 13.8563,
-57.7890

■ 82.6620, 42.5646,
-72.4946

■ 236.4620, 9.1392,
-38.1162

■ 65.4960, 37.7165,
-57.4400

■ 245.7310, 4.5696,
-19.0581

■ 49.0310, 33.0157,
-43.0002

■ 33.2670, 28.4624,
-29.1752

■ 17.0300, 24.6352,

-14.9353

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 153.5720, 49.0180,
-89.0786

■ 153.5720, 49.0180,
-89.0786

■ 141.4010, 55.0183,
-100.3297

■ 165.7430, 43.0177,
-77.8276

■ 128.3440, 61.4554,
-111.6807

■ 178.8000, 36.5806,
-66.4766

■ 128.0450, 61.6028,
-112.2955

■ 190.9710, 30.5803,
-55.2256

■ 203.7290, 24.2906,
-44.4893

■ 216.1990, 18.1429,
-32.6235

■ 228.9570, 11.8532,
-21.8873

■ 241.1280, 5.8529,
-10.6363

■ 253.2990, -0.1474,
0.6148

■ 254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



140.0980, 44.3217, -122.8659



153.5720, 49.0180, -89.0786



173.0790, 40.3871, -27.2563

Triad

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



153.5720, 49.0180, -89.0786



177.4260, -9.0840, 67.1554



165.0870, -25.6789, -23.7553

Complementary

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



153.5720, 49.0180, -89.0786



151.4280, -49.0180, 89.0786

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.



170.3920, -38.1543, 11.0572



153.5720, 49.0180, -89.0786



175.3980, -26.8182, 61.9180

Square

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



153.5720, 49.0180, -89.0786



179.6750, 10.0202, 52.9050



173.8780, -38.3939, 41.3260



155.7840, -2.8515, -65.5856

Rectangle

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



153.5720, 49.0180, -89.0786



178.8120, 32.1377, 5.4269



173.8780, -38.3939, 41.3260



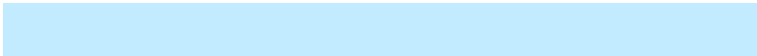
167.0840, -31.1004, -11.4747

Sweetspot

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



153.5720, 49.0180, -89.0786



225.0210, 14.7796, -27.2054



177.6250, -28.9021, -110.1731



109.3060, 9.2161, -16.0544



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.



153.5720, 49.0180, -89.0786



135.0950, 59.1132, -107.0773



94.8720, 77.9571, -37.5987



121.1780, 3.3632, -5.4181



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Inverse Universe

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



127.3750, 28.9021, 110.1731



103.7120, 34.6520, 132.6796



210.7150, -78.2465, 37.0839



119.7990, 1.5781, 7.1923



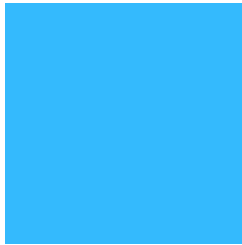
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 153.5720, 49.0180, -89.0786 looks on a white background.

Color Contrast Check

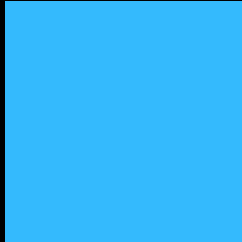
Large Text (above 18pt) WCAG AA × Fail

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 153.5720, 49.0180, -89.0786 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

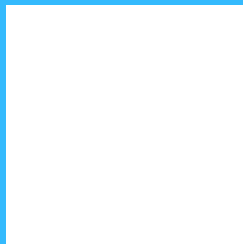
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.5720, 49.0180, -89.0786

Background



This preview shows how black text looks on a background with the YUV color 153.5720, 49.0180, -89.0786.



This preview shows how white text looks on a background with the YUV color 153.5720, 49.0180,

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

153.5720, 49.0180, -89.0786

Protanopia

173.5980, 33.2292, -18.0644

Deuteranopia

172.1820, 40.8293, -29.1006



Tritanopia

137.1170, 35.4383, -120.2516

Trichromacy



Original Color

153.5720, 49.0180, -89.0786

Protanomaly

165.9260, 38.9835, -43.7851

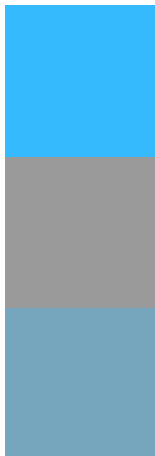
Deuteranomaly

165.4350, 43.6625, -51.2475

Tritanomaly

142.8610, 40.4945, -108.6261

Monochromacy



Original Color

153.5720, 49.0180, -89.0786

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0850, 17.7061, -32.5235

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5720, 49.0180, -89.0786 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(52, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(52, 186, 253)  
}
```

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(52, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 186, 253) }
```

Border

The CSS property to change the border of an element to YUV 153.5720, 49.0180, -89.0786 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(52, 186, 253) }
```


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

```
.border{ border-color:rgb(52, 186, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 186, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 186, 253);  
box-shadow:4px 4px 4px 4px rgb(52, 186,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 153.5720, 49.0180, -89.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 186, 253) }
```

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

```
.background{ background-color: rgb(52, 186,  
253) }
```

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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