

Converting Colors

YUV(152.7560, 36.6023,
-73.4540)

Have a look what the booklet for
YUV(152.7560, 36.6023, -73.4540)
contains.

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Color

**YUV(152.7560, 36.6023,
-73.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	45B5E3
RGB	69, 181, 227
RGB Percent	27%, 71%, 89%
CMY	0.7294, 0.2902, 0.1098
CMYK	0.70, 0.20, 0.00, 0.11
HSL	197°, 74%, 58%
HSV	197°, 70%, 89%
XYZ	32.8432, 39.8590, 78.6356
YIQ	152.7560, -81.5180, -9.4380

Conversions

Conversions Part 2

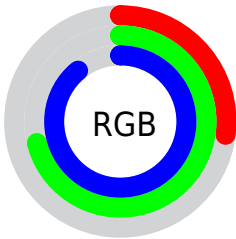
Format	Color
RYB	69, 135, 227
Decimal	4568547
CIELab	69.37, -17.11, -32.25
CIELCh	69, 36.506, 242.059
Yxy	39.8590, 0.2170, 0.2634
Android (android.graphics.Color)	4282758627 (0xFF45B5E3)
YUV	152.7560, 36.6023, -73.4540
Hunter-Lab	63.1340, -17.6261, -29.6540

Details

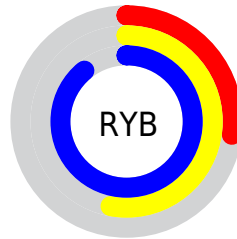
The YUV color **152.7560, 36.6023, -73.4540** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **143.2440, -36.6023, 73.4540**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5540, 22.8979, -64.5069**, and **94.6300, 37.6504, -82.9905** is the 20% darker color. If you saturate the color by 10%, you get **141.7700, 42.0184, -83.9903**, and if you desaturate by 10%, it is **163.7420, 31.1862, -62.9177**.

Distribution



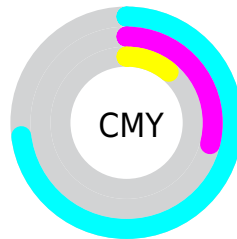
- Red (27%)
- Green (71%)
- Blue (89%)



- Red (27%)
- Yellow (53%)
- Blue (89%)



- Cyan (70%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (73%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7560, 36.6023, -73.4540 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 152.7560, 36.6023, -73.4540 by changing the saturation by 10% instead.

■ 152.7560, 36.6023,
-73.4540

■ 152.7560, 36.6023,
-73.4540

■ 255.0000, 0.0000,
0.0000

■ 119.0640, 39.4084,
-86.8791

■ 208.5540, 22.8979,
-64.5069

■ 94.6300, 37.6504,
-82.9905

■ 228.0900, 13.2666,
-55.3299

■ 76.9910, 33.5284,
-67.5211

■ 237.3590, 8.6970,
-36.2718

■ 59.9390, 29.1171,
-52.5665

■ 246.3290, 4.2748,
-17.8285

■ 43.5880, 24.8531,
-38.2267

■ 28.5250, 20.4472,
-25.0164

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 152.7560, 36.6023,
-73.4540

■ 152.7560, 36.6023,
-73.4540

■ 141.7700, 42.0184,
-83.9903

■ 163.7420, 31.1862,
-62.9177

■ 131.6700, 46.9977,
-94.4266

■ 173.8420, 26.2069,
-52.4814

■ 120.6840, 52.4138,
-104.9629

■ 184.8280, 20.7908,
-41.9452

■ 120.3850, 52.5612,
-105.5776

■ 195.2270, 15.6641,
-30.8941

■ 205.9140, 10.3954,
-20.9726

■ 216.9000, 4.9793,
-10.4363

■ 227.2990, -0.1474,
0.6148

■ 238.2850, -5.5635,
11.1511

■ 243.0030, -7.8895,
10.5214

Harmonies

Analogous

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



142.7890, 29.6840, -94.5310



152.7560, 36.6023, -73.4540



165.4280, 34.2990, -34.5784

Triad

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



152.7560, 36.6023, -73.4540



173.0480, -2.4887, 51.7009



163.3000, -25.2909, -8.1561

Complementary

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



152.7560, 36.6023, -73.4540



143.2440, -36.6023, 73.4540

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.



166.8690, -31.4874, 19.4089



152.7560, 36.6023, -73.4540



171.1610, -17.3344, 53.3558

Square

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



152.7560, 36.6023, -73.4540



174.0640, 13.2794, 34.1469



169.8100, -28.5003, 41.3856



158.0110, -10.3584, -37.7206

Rectangle

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



152.7560, 36.6023, -73.4540



170.7410, 29.7077, -8.5429



169.8100, -28.5003, 41.3856



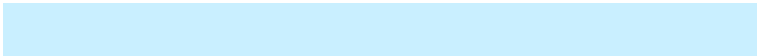
164.8560, -28.5230, 1.8803

Sweetspot

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



152.7560, 36.6023, -73.4540



229.4620, 12.5902, -24.9612



166.8760, -26.0679, -85.8373



112.5620, 7.6109, -14.5249



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.



152.7560, 36.6023, -73.4540



154.6200, 49.4873, -99.6447



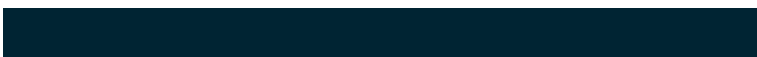
106.9700, 59.1748, -33.2997



109.0640, 2.9264, -5.3181



94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Inverse Universe

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



129.0100, 25.6311, 85.9372



122.3140, 34.8482, 116.3656



189.0300, -59.1748, 33.2997



107.5000, 1.7255, 6.5775



67.9990, 29.0875, 97.3479



19.3530, 8.2070, 27.7544

Previews

White Background



This preview shows how the YUV color 152.7560, 36.6023, -73.4540 looks on a white background.

Color Contrast Check

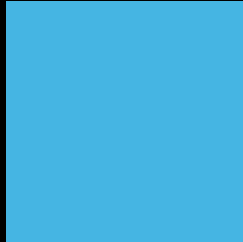
Large Text (above 18pt) WCAG AA × Fail

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 152.7560, 36.6023, -73.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

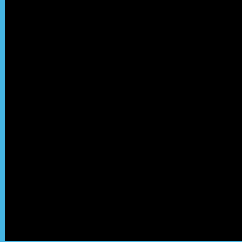
Any Text WCAG AA ✓ Pass

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 152.7560, 36.6023, -73.4540 Background



This preview shows how black text looks on a background with the YUV color 152.7560, 36.6023, -73.4540.



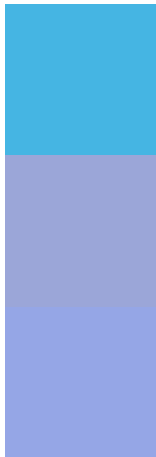
This preview shows how white text looks on a background with the YUV color 152.7560, 36.6023, -73.4540.

-73.4540.

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

152.7560, 36.6023, -73.4540

Protanopia

168.4110, 23.4614, -11.7614

Deuteranopia

168.2130, 30.4610, -16.8498



Tritanopia

147.3450, 26.4519, -84.4946

Trichromacy



Original Color

152.7560, 36.6023, -73.4540

Protanomaly

162.5330, 28.3312, -33.7934

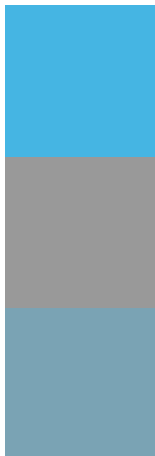
Deuteranomaly

162.3630, 32.8520, -37.1524

Tritanomaly

149.2900, 29.9300, -80.0613

Monochromacy



Original Color

152.7560, 36.6023, -73.4540

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.6790, 13.4693, -26.9055

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7560, 36.6023, -73.4540 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(69, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(69, 181, 227)  
}
```

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(69, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 181, 227) }
```

Border

The CSS property to change the border of an element to YUV 152.7560, 36.6023, -73.4540 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(69, 181, 227) }
```


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

```
.border{ border-color:rgb(69, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(69, 181,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 152.7560, 36.6023, -73.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 181, 227) }
```

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

```
.background{ background-color: rgb(69, 181,  
227) }
```

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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