

Converting Colors

YUV(168.6790, 40.0913,
-72.5095)

Have a look what the booklet for
YUV(168.6790, 40.0913, -72.5095)
contains.

YUV(168.6790, 40.0913, -72.5095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.6790, 40.0913,
-72.5095)**

Conversions

Conversions Part 1

Format	Color
Hex	56C3FA
RGB	86, 195, 250
RGB Percent	34%, 76%, 98%
CMY	0.6627, 0.2353, 0.0196
CMYK	0.66, 0.22, 0.00, 0.02
HSL	200°, 94%, 66%
HSV	200°, 66%, 98%
XYZ	40.6082, 47.9108, 97.5499
YIQ	168.6790, -82.6190, -6.0030

Conversions

Conversions Part 2

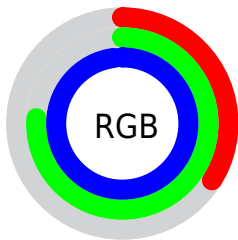
Format	Color
R _Y B	86, 151, 250
Decimal	5686266
CIE Lab	74.77, -14.66, -36.31
CIE LCh	75, 39.156, 248.012
Yxy	47.9108, 0.2182, 0.2575
Android (android.graphics.Color)	4283876346 (0xFF56C3FA)
YUV	168.6790, 40.0913, -72.5095
Hunter-Lab	69.2176, -16.4095, -35.1064

Details

The YUV color **168.6790, 40.0913, -72.5095** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **167.3210, -40.0913, 72.5095**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8440, 16.3459, -63.0072**, and **104.7690, 43.4979, -91.8824** is the 20% darker color. If you saturate the color by 10%, you get **156.5080, 46.0916, -83.7605**, and if you desaturate by 10%, it is **180.8500, 34.0909, -61.2584**.

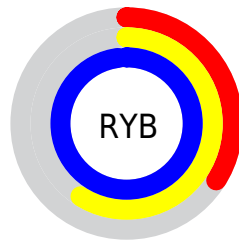
Distribution



Red (34%)

Green (76%)

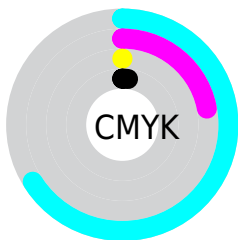
Blue (98%)



Red (34%)

Yellow (59%)

Blue (98%)

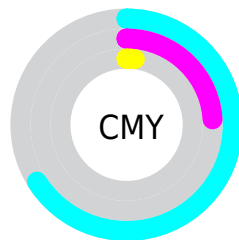


Cyan (66%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6790, 40.0913, -72.5095 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 168.6790, 40.0913, -72.5095 by changing the saturation by 10% instead.

■ 168.6790, 40.0913,
-72.5095

■ 168.6790, 40.0913,
-72.5095

255.0000, 0.0000,
0.0000

■ 137.5640, 41.1339,
-80.3016

■ 221.8440, 16.3459,
-63.0072

■ 104.7690, 43.4979,
-91.8824

■ 232.8740, 10.9081,
-45.4935

■ 87.0160, 38.9391,
-76.3130

■ 242.1430, 6.3385,
-26.4354

■ 69.2630, 34.3803,
-60.7437

■ 251.4120, 1.7689,
-7.3773

■ 52.9120, 30.1164,
-46.4038

■ 37.1480, 25.5630,
-32.5788

■ 22.6720, 20.8677,

-19.8833

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 168.6790, 40.0913,
-72.5095

■ 168.6790, 40.0913,
-72.5095

■ 156.5080, 46.0916,
-83.7605

■ 180.8500, 34.0909,
-61.2584

■ 143.7500, 52.3813,
-94.4968

■ 193.6080, 27.8013,
-50.5222

■ 131.5790, 58.3816,
-105.7478

■ 205.7790, 21.8010,
-39.2712

■ 125.9420, 61.1606,
-110.4511

■ 218.5370, 15.5113,
-28.5349

■ 230.7080, 9.5110,
-17.2839

■ 242.8790, 3.5107,
-6.0329

■ 253.8430, -1.8946,
1.0147

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



154.3300, 35.8263, -104.6524



168.6790, 40.0913, -72.5095



181.3300, 36.3193, -29.2304

Triad

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



168.6790, 40.0913, -72.5095



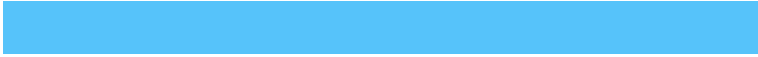
187.5820, -5.7099, 58.2486



176.3700, -24.8324, -15.2335

Complementary

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



168.6790, 40.0913, -72.5095



167.3210, -40.0913, 72.5095

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.



180.5650, -33.8025, 15.2905



168.6790, 40.0913, -72.5095



185.3310, -21.8552, 56.7147

Square

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



168.6790, 40.0913, -72.5095



188.9510, 11.3632, 42.1390



183.7730, -32.4261, 40.5411



170.1560, -6.9789, -48.3718

Rectangle

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



168.6790, 40.0913, -72.5095



186.8990, 30.1228, -1.6654



183.7730, -32.4261, 40.5411



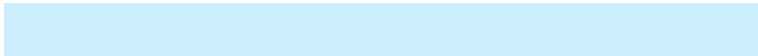
177.9970, -29.0855, -4.3824

Sweetspot

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



168.6790, 40.0913, -72.5095



229.7720, 12.4374, -22.6020



188.5380, -23.4362, -89.9258



112.2740, 7.7529, -13.3953



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.



168.6790, 40.0913, -72.5095



154.9850, 49.3074, -88.5638



120.5450, 63.8213, -30.2960



118.7650, 3.0739, -5.9329



94.9210, 46.3809, -83.2457



31.0210, 14.7796, -27.2054

Inverse Universe

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



147.4620, 23.4362, 89.9258



129.2610, 28.4653, 110.2731



215.4550, -63.8213, 30.2960



116.9130, 2.0149, 7.0923



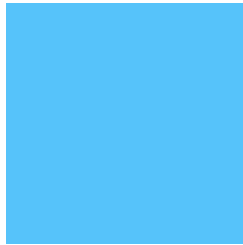
70.7610, 26.7398, 103.6956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 168.6790, 40.0913, -72.5095 looks on a white background.

Color Contrast Check

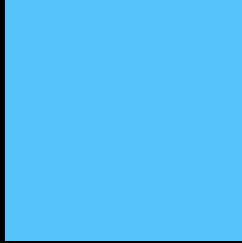
Large Text (above 18pt) WCAG AA × Fail

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 168.6790, 40.0913, -72.5095 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

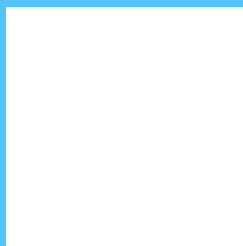
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.6790, 40.0913, -72.5095

Background



This preview shows how black text looks on a background with the YUV color 168.6790, 40.0913, -72.5095.



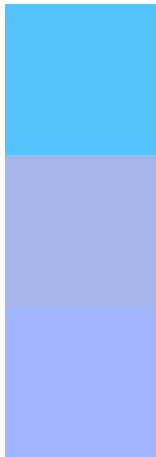
This preview shows how white text looks on a background with the YUV color 168.6790, 40.0913, -72.5095.

-72.5095.

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

168.6790, 40.0913, -72.5095

Protanopia

183.4260, 27.3980, -14.4056

Deuteranopia

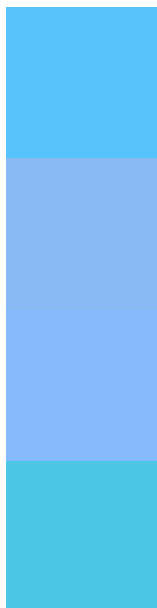
182.9290, 34.5450, -20.1087



Tritanopia

163.0570, 26.5939, -83.3650

Trichromacy



Original Color

168.6790, 40.0913, -72.5095

Protanomaly

178.1460, 31.9730, -35.2080

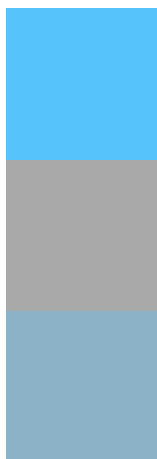
Deuteranomaly

177.6770, 36.6412, -39.1817

Tritanomaly

165.3440, 31.3824, -79.2317

Monochromacy



Original Color

168.6790, 40.0913, -72.5095

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6190, 14.4848, -25.9759

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6790, 40.0913, -72.5095 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(86, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(86, 195, 250)  
}
```

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(86, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 195, 250) }
```

Border

The CSS property to change the border of an element to YUV 168.6790, 40.0913, -72.5095 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(86, 195, 250) }
```


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

```
.border{ border-color:rgb(86, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(86, 195,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 168.6790, 40.0913, -72.5095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 195, 250) }
```

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

```
.background{ background-color: rgb(86, 195,  
250) }
```

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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