

Converting Colors

YUV(155.2090, 46.2390,
-84.3753)

Have a look what the booklet for
YUV(155.2090, 46.2390, -84.3753)
contains.

YUV(155.2090, 46.2390, -84.3753)	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(155.2090, 46.2390,
-84.3753)**

Conversions

Conversions Part 1

Format	Color
Hex	3BBAF9
RGB	59, 186, 249
RGB Percent	23%, 73%, 98%
CMY	0.7686, 0.2706, 0.0235
CMYK	0.76, 0.25, 0.00, 0.02
HSL	200°, 94%, 60%
HSV	200°, 76%, 98%
XYZ	36.4614, 42.8872, 95.9789
YIQ	155.2090, -95.9150, -7.3310

Conversions

Conversions Part 2

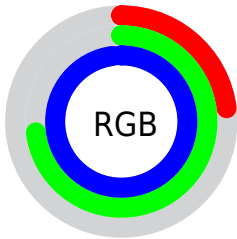
Format	Color
R _Y B	59, 135, 249
Decimal	3914489
CIE Lab	71.48, -13.76, -40.94
CIE LCh	71, 43.190, 251.423
Yxy	42.8872, 0.2080, 0.2446
Android (android.graphics.Color)	4282104569 (0xFF3BBAF9)
YUV	155.2090, 46.2390, -84.3753
Hunter-Lab	65.4883, -15.2224, -41.0529

Details

The YUV color **155.2090, 46.2390, -84.3753** 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 **152.7910, -46.2390, 84.3753**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.5920, 21.8931, -68.9252**, and **99.9590, 45.3762, -87.6640** is the 20% darker color. If you saturate the color by 10%, you get **143.0380, 52.2393, -95.6263**, and if you desaturate by 10%, it is **167.3800, 40.2387, -73.1243**.

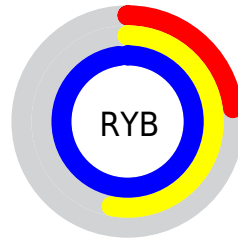
Distribution



Red (23%)

Green (73%)

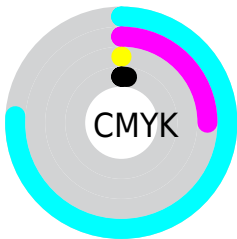
Blue (98%)



Red (23%)

Yellow (53%)

Blue (98%)

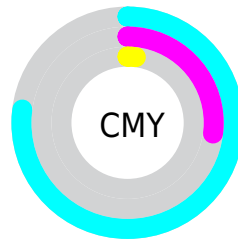


Cyan (76%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.2090, 46.2390, -84.3753 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 155.2090, 46.2390, -84.3753 by changing the saturation by 10% instead.

■ 155.2090, 46.2390,
-84.3753

■ 155.2090, 46.2390,
-84.3753

255.0000, 0.0000,
0.0000

■ 118.4130, 50.0824,
-103.8482

■ 210.5920, 21.8931,
-68.9252

■ 99.9590, 45.3762,
-87.6640

■ 227.7910, 13.4140,
-55.9447

■ 82.2060, 40.8174,
-72.0947

■ 237.0600, 8.8444,
-36.8866

■ 65.0400, 35.9693,
-57.0401

■ 246.3290, 4.2748,
-17.8285

■ 48.6890, 31.7053,
-42.7003

■ 32.9250, 27.1520,
-28.8752

■ 16.6880, 23.3248,

-14.6354

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 155.2090, 46.2390,
-84.3753

■ 155.2090, 46.2390,
-84.3753

■ 143.0380, 52.2393,
-95.6263

■ 167.3800, 40.2387,
-73.1243

■ 130.2800, 58.5290,
-106.3626

■ 180.1380, 33.9490,
-62.3880

■ 125.8280, 60.7238,
-110.3512

■ 192.3090, 27.9487,
-51.1370

■ 204.4800, 21.9484,
-39.8860

■ 216.3520, 16.0955,
-29.2497

■ 229.1100, 9.8058,
-18.5135

■ 241.2810, 3.8055,
-7.2624

■ 252.5550, -1.7526,
2.1443

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



139.0550, 42.8639, -121.9512



155.2090, 46.2390, -84.3753



173.0250, 38.9347, -28.0859

Triad

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



155.2090, 46.2390, -84.3753



177.9310, -8.3470, 64.0815



165.8100, -25.5423, -20.8814

Complementary

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



155.2090, 46.2390, -84.3753



152.7910, -46.2390, 84.3753

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.



170.7450, -36.8493, 12.5016



155.2090, 46.2390, -84.3753



175.8430, -25.0656, 59.7737

Square

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



155.2090, 46.2390, -84.3753



179.7670, 10.4679, 49.3163



173.7470, -36.3573, 41.4409



157.7740, -4.3256, -59.4378

Rectangle

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



155.2090, 46.2390, -84.3753



177.9750, 31.5643, 2.6529



173.7470, -36.3573, 41.4409



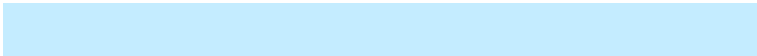
167.6220, -30.3796, -9.3155

Sweetspot

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



155.2090, 46.2390, -84.3753



226.2060, 14.1954, -26.4907



177.3700, -28.7764, -103.8105



110.1920, 8.7793, -15.9544



0.0000, 0.0000, 0.0000



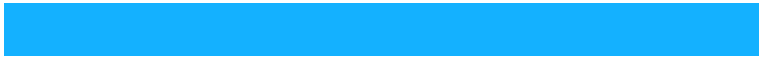
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



155.2090, 46.2390, -84.3753



138.9490, 57.2131, -104.3183



101.2050, 72.8629, -37.0138



118.7650, 3.0739, -5.9329



95.5080, 46.0916, -83.7605



31.0210, 14.7796, -27.2054

Inverse Universe

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



130.2880, 27.4660, 104.1104



108.1630, 33.9366, 128.7760



206.7950, -72.8629, 37.0138



116.9130, 2.0149, 7.0923



70.8750, 27.1766, 103.5956



22.9130, 8.9169, 33.4023

Previews

White Background



This preview shows how the YUV color 155.2090, 46.2390, -84.3753 looks on a white background.

Color Contrast Check

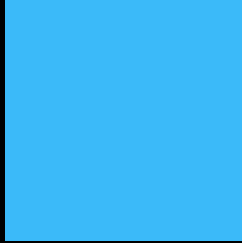
Large Text (above 18pt) WCAG AA × Fail

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 155.2090, 46.2390, -84.3753 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

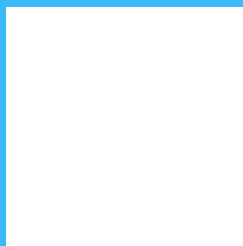
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.2090, 46.2390, -84.3753

Background



This preview shows how black text looks on a background with the YUV color 155.2090, 46.2390, -84.3753.



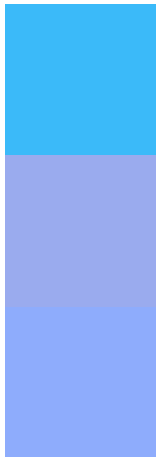
This preview shows how white text looks on a background with the YUV color 155.2090, 46.2390, -84.3753.

-84.3753.

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

155.2090, 46.2390, -84.3753

Protanopia

173.5550, 31.7714, -17.1497

Deuteranopia

172.1500, 39.3660, -26.4416



Tritanopia

137.1170, 35.4383, -120.2516

Trichromacy



Original Color

155.2090, 46.2390, -84.3753

Protanomaly

166.4810, 37.2309, -41.6408

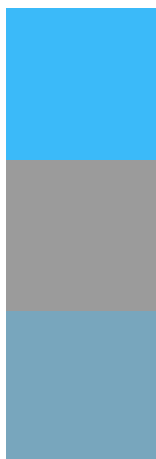
Deuteranomaly

166.0010, 41.9045, -47.3589

Tritanomaly

143.3450, 39.7629, -107.2966

Monochromacy



Original Color

155.2090, 46.2390, -84.3753

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8680, 16.8271, -30.5792

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.2090, 46.2390, -84.3753 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(59, 186, 249)` looks like.

```
.text, #text, p{  
    color:rgb(59, 186, 249)  
}
```

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(59, 186, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 186, 249) }
```

Border

The CSS property to change the border of an element to YUV 155.2090, 46.2390, -84.3753 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(59, 186, 249) }
```


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

```
.border{ border-color:rgb(59, 186, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 186, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 186, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 186, 249);  
box-shadow:4px 4px 4px 4px rgb(59, 186,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 155.2090, 46.2390, -84.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 186, 249) }
```

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

```
.background{ background-color: rgb(59, 186,  
249) }
```

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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