

Converting Colors

YUV(180.7440, 31.1852,
-109.4005)

Have a look what the booklet for
YUV(180.7440, 31.1852, -109.4005)
contains.

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Color

**YUV(180.7440, 31.1852,
-109.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	38E8F4
RGB	56, 232, 244
RGB Percent	22%, 91%, 96%
CMY	0.7804, 0.0902, 0.0431
CMYK	0.77, 0.05, 0.00, 0.04
HSL	184°, 90%, 59%
HSV	184°, 77%, 96%
XYZ	46.8166, 65.0856, 95.6832
YIQ	180.7440, -108.7480, -33.5800

Conversions

Conversions Part 2

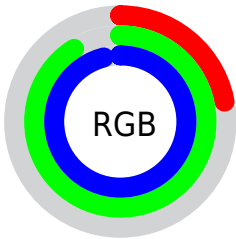
Format	Color
R _{YB}	56, 147, 244
Decimal	3729652
CIE Lab	84.53, -38.44, -18.24
CIE LCh	85, 42.547, 205.391
Yxy	65.0856, 0.2255, 0.3135
Android (android.graphics.Color)	4281919732 (0xFF38E8F4)
YUV	180.7440, 31.1852, -109.4005
Hunter-Lab	80.6757, -37.5977, -13.8464

Details

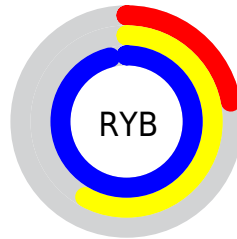
The YUV color **180.7440, 31.1852, -109.4005** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **119.2560, -31.1852, 109.4005**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **124.7440, 31.1852, -109.4005** is the 20% darker color. If you saturate the color by 10%, you get **172.3940, 35.3018, -123.1255**, and if you desaturate by 10%, it is **189.0940, 27.0687, -95.6754**.

Distribution



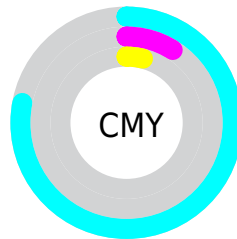
- Red (22%)
- Green (91%)
- Blue (96%)



- Red (22%)
- Yellow (58%)
- Blue (96%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (78%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7440, 31.1852, -109.4005 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 180.7440, 31.1852, -109.4005 by changing the saturation by 10% instead.

180.7440, 31.1852,
-109.4005

180.7440, 31.1852,
-109.4005

255.0000, 0.0000,
0.0000

144.3720, 35.3126,
-126.6142

218.5220, 17.9837,
-75.0028

124.7440, 31.1852,
-109.4005

228.3890, 13.1192,
-54.7152

105.8170, 27.2052,
-92.8015

237.9570, 8.4022,
-35.0423

87.0040, 23.6620,
-76.3025

247.5250, 3.6852,
-15.3694

69.3650, 19.5401,
-60.8331

51.9540, 16.2917,
-45.5637

35.8310, 12.9013,

-31.4238

■ 19.8220, 9.9478,
-17.3839

■ 2.7530, 8.0098,
-2.4144

■ 180.7440, 31.1852,
-109.4005

■ 180.7440, 31.1852,
-109.4005

■ 172.3940, 35.3018,
-123.1255

■ 189.0940, 27.0687,
-95.6754

■ 164.3320, 39.2763,
-137.9802

■ 197.1560, 23.0941,
-80.8208

■ 161.6520, 40.5976,
-141.7688

■ 205.5060, 18.9775,
-67.0958

■ 213.5680, 15.0030,
-52.2411

■ 221.9180, 10.8864,
-38.5161

■ 229.6810, 7.0593,
-24.2762

■ 238.3300, 2.7953,
-9.9364

■ 246.0930, -1.0318,
4.3034

■ 248.4630, -2.2003,
5.7329

Harmonies

Analogous

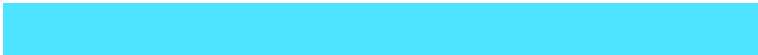
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190.4220, 6.2010, -75.7921



180.7440, 31.1852, -109.4005



185.3420, 34.3414, -95.0159

Triad

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



180.7440, 31.1852, -109.4005



216.2580, 19.0998, 33.9767



208.5130, -38.2139, 30.2451

Complementary

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



180.7440, 31.1852, -109.4005



119.2560, -31.1852, 109.4005

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.



206.1800, -29.6687, 42.8151



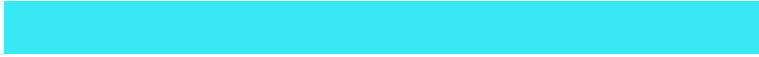
180.7440, 31.1852, -109.4005



206.8710, 5.9796, 42.2091

Square

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



180.7440, 31.1852, -109.4005



210.1240, 22.1239, -2.7397



203.4850, -12.0711, 45.1787



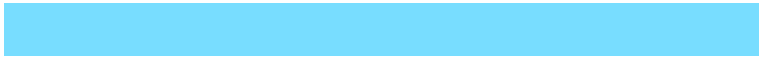
204.8680, -33.4589, -1.6382

Rectangle

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



180.7440, 31.1852, -109.4005



194.6770, 29.7392, -65.4917



203.4850, -12.0711, 45.1787



209.9810, -37.9516, 39.4817

Sweetspot

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



180.7440, 31.1852, -109.4005



235.0110, 9.8546, -34.2126



167.3820, -50.4743, -97.6820



115.4750, 6.1748, -20.5876



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.



180.7440, 31.1852, -109.4005



175.9300, 38.9815, -136.7506



127.3270, 57.5198, -62.5538



118.4120, 1.7689, -7.3773



123.3420, 30.8904, -108.1709



39.0110, 9.8546, -34.2126

Inverse Universe

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



132.2760, 49.1639, 97.9819



115.3450, 61.4549, 122.4774



172.6730, -57.5198, 62.5538



114.9560, 3.4727, 6.1776



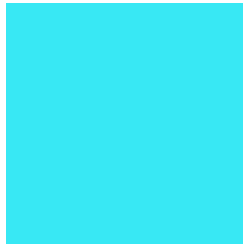
75.4500, 48.5851, 96.9523



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 180.7440, 31.1852, -109.4005 looks on a white background.

Color Contrast Check

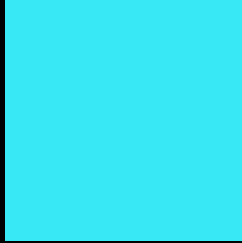
Large Text (above 18pt) WCAG AA × Fail

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 180.7440, 31.1852, -109.4005 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 180.7440, 31.1852, -109.4005 Background



This preview shows how black text looks on a background with the YUV color 180.7440, 31.1852, -109.4005.



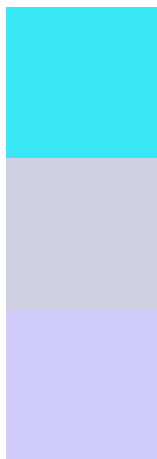
This preview shows how white text looks on a background with the YUV color 180.7440, 31.1852, -109.4005.

-109.4005.

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

180.7440, 31.1852, -109.4005

Protanopia

209.9810, 8.8834, -2.6143

Deuteranopia

210.7390, 19.3557, -1.5251



Tritanopia

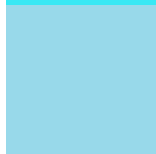
182.3360, 33.3584, -106.4117

Trichromacy



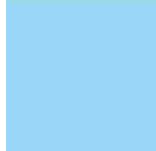
Original Color

180.7440, 31.1852, -109.4005



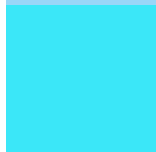
Protanomaly

199.5030, 17.0070, -41.6601



Deuteranomaly

199.6370, 23.8430, -40.9006



Tritanomaly

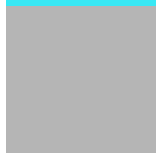
181.5100, 32.7796, -107.4413

Monochromacy



Original Color

180.7440, 31.1852, -109.4005



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.3200, 11.1812, -39.7456

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7440, 31.1852, -109.4005 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(56, 232, 244)` looks like.

```
.text, #text, p{  
    color:rgb(56, 232, 244)  
}
```

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(56, 232, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 232, 244) }
```

Border

The CSS property to change the border of an element to YUV 180.7440, 31.1852, -109.4005 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(56, 232, 244) }
```


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

```
.border{ border-color:rgb(56, 232, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 232, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 232, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 232, 244);  
box-shadow:4px 4px 4px 4px rgb(56, 232,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 180.7440, 31.1852, -109.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 232, 244) }
```

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

```
.background{ background-color: rgb(56, 232,  
244) }
```

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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