

Converting Colors

YUV(184.8690, 25.2076,
-58.6441)

Have a look what the booklet for
YUV(184.8690, 25.2076, -58.6441)
contains.

YUV(184.8690, 25.2076, -58.6441)	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(184.8690, 25.2076,
-58.6441)**

Conversions

Conversions Part 1

Format	Color
Hex	76D1EC
RGB	118, 209, 236
RGB Percent	46%, 82%, 93%
CMY	0.5373, 0.1804, 0.0745
CMYK	0.50, 0.11, 0.00, 0.07
HSL	194°, 76%, 69%
HSV	194°, 50%, 93%
XYZ	45.4120, 55.5086, 87.6776
YIQ	184.8690, -62.9030, -10.8950

Conversions

Conversions Part 2

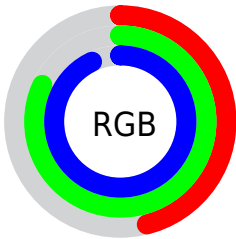
Format	Color
R _Y B	118, 169, 236
Decimal	7786988
CIE Lab	79.33, -20.04, -21.70
CIE LCh	79, 29.536, 227.284
Yxy	55.5086, 0.2408, 0.2943
Android (android.graphics.Color)	4285977068 (0xFF76D1EC)
YUV	184.8690, 25.2076, -58.6441
Hunter-Lab	74.5041, -21.5822, -17.6206

Details

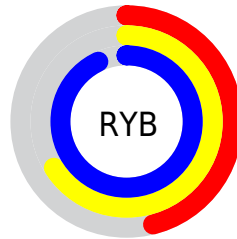
The YUV color **184.8690, 25.2076, -58.6441** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **169.1310, -25.2076, 58.6441**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, 11.4977, -47.9526**, and **127.6620, 25.8026, -62.8476** is the 20% darker color. If you saturate the color by 10%, you get **174.7580, 30.1923, -70.8248**, and if you desaturate by 10%, it is **194.9800, 20.2229, -46.4635**.

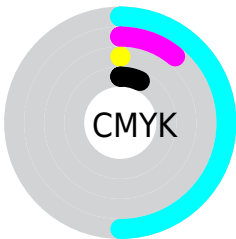
Distribution



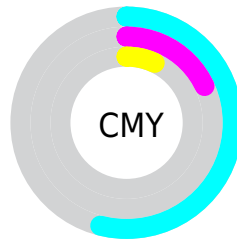
- Red (46%)
- Green (82%)
- Blue (93%)



- Red (46%)
- Yellow (66%)
- Blue (93%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



- Cyan (54%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8690, 25.2076, -58.6441 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 184.8690, 25.2076, -58.6441 by changing the saturation by 10% instead.

■ 184.8690, 25.2076,
-58.6441

■ 184.8690, 25.2076,
-58.6441

255.0000, 0.0000,
0.0000

■ 156.2710, 25.5024,
-59.8737

■ 231.6780, 11.4977,
-47.9526

■ 127.6620, 25.8026,
-62.8476

■ 240.3490, 7.2229,
-30.1241

■ 94.3720, 28.9036,
-77.5022

■ 249.3190, 2.8007,
-11.6808

■ 74.9390, 25.6661,
-65.7215

■ 58.0010, 21.6915,
-50.8669

■ 41.7640, 17.8643,
-36.6270

■ 26.2280, 14.1846,

-23.0020

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 184.8690, 25.2076,
-58.6441

■ 184.8690, 25.2076,
-58.6441

■ 174.7580, 30.1923,
-70.8248

■ 194.9800, 20.2229,
-46.4635

■ 164.3590, 35.3190,
-81.8758

■ 205.3790, 15.0962,
-35.4124

■ 154.2480, 40.3037,
-94.0565

■ 215.4900, 10.1114,
-23.2317

■ 143.8490, 45.4304,
-105.1076

■ 225.8890, 4.9847,
-12.1807

■ 133.7380, 50.4152,
-117.2882

■ 236.0000, 0.0000,
0.0000

■ 244.6160, -4.2477,
9.1068

■ 248.1380, -5.9840,
6.0180

■ 251.0730, -7.4310,
3.4440

■ 252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



183.2960, 14.1511, -59.0186



184.8690, 25.2076, -58.6441



191.3150, 28.9317, -39.7413

Triad

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



184.8690, 25.2076, -58.6441



201.2680, 3.8119, 37.4760



193.6160, -24.4607, 5.5988

Complementary

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



184.8690, 25.2076, -58.6441



169.1310, -25.2076, 58.6441

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.



196.2920, -26.2730, 26.9309



184.8690, 25.2076, -58.6441



199.8810, -9.3083, 45.7084

Square

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



184.8690, 25.2076, -58.6441



200.4640, 16.5332, 17.1331



198.2860, -20.3540, 41.8452



190.0520, -15.8016, -18.4626

Rectangle

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



184.8690, 25.2076, -58.6441



195.6810, 27.2723, -20.7682



198.2860, -20.3540, 41.8452



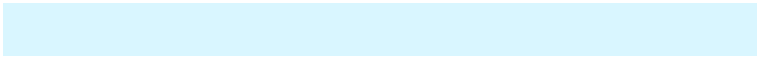
194.6170, -25.9402, 13.4909

Sweetspot

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



184.8690, 25.2076, -58.6441



238.3550, 8.2060, -18.7283



190.2300, -22.7914, -63.3457



117.6010, 5.1267, -11.0511



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.



184.8690, 25.2076, -58.6441



188.7080, 32.6820, -76.0429



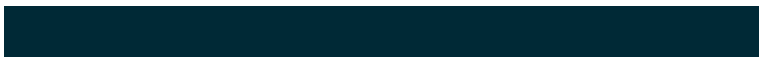
150.8230, 41.9923, -28.7858



112.5370, 2.2003, -5.7329



102.8140, 38.5457, -90.1679



30.2230, 11.7221, -26.5056

Inverse Universe

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



163.6560, 22.3546, 63.4457



161.1990, 28.9889, 82.2635



203.1770, -41.9923, 28.7858



110.3150, 2.3097, 5.8627



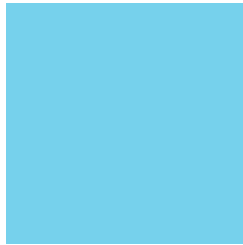
70.0790, 34.4711, 97.2777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 184.8690, 25.2076, -58.6441 looks on a white background.

Color Contrast Check

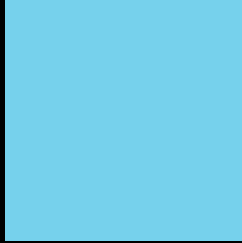
Large Text (above 18pt) WCAG AA × Fail

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 184.8690, 25.2076, -58.6441 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 184.8690, 25.2076, -58.6441 Background



This preview shows how black text looks on a background with the YUV color 184.8690, 25.2076, -58.6441.



This preview shows how white text looks on a background with the YUV color 184.8690, 25.2076, -58.6441.

-58.6441.

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

184.8690, 25.2076, -58.6441

Protanopia

196.4520, 14.5672, -5.6584

Deuteranopia

196.8850, 21.2557, -4.2841



Tritanopia

183.5330, 21.4292, -60.1034

Trichromacy



Original Color

184.8690, 25.2076, -58.6441

Protanomaly

192.0690, 18.7000, -24.6165

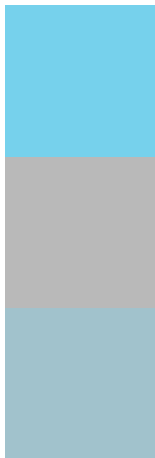
Deuteranomaly

192.8070, 22.7731, -24.3867

Tritanomaly

184.1740, 22.5922, -59.7886

Monochromacy



Original Color

184.8690, 25.2076, -58.6441

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.2730, 9.2324, -21.2874

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8690, 25.2076, -58.6441 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(118, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(118, 209, 236)  
}
```

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(118, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 209, 236) }
```

Border

The CSS property to change the border of an element to YUV 184.8690, 25.2076, -58.6441 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(118, 209, 236) }
```


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

```
.border{ border-color:rgb(118, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(118, 209,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 184.8690, 25.2076, -58.6441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 209, 236) }
```

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

```
.background{ background-color: rgb(118,  
209, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor