

Converting Colors

YUV(188.0410, 27.5878,
-75.4580)

Have a look what the booklet for
YUV(188.0410, 27.5878, -75.4580)
contains.

YUV(188.0410, 27.5878, -75.4580)	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(188.0410, 27.5878,
-75.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	66DDF4
RGB	102, 221, 244
RGB Percent	40%, 87%, 96%
CMY	0.6000, 0.1333, 0.0431
CMYK	0.58, 0.09, 0.00, 0.04
HSL	190°, 87%, 68%
HSV	190°, 58%, 96%
XYZ	47.6651, 61.0693, 94.8633
YIQ	188.0410, -78.3070, -18.0750

Conversions

Conversions Part 2

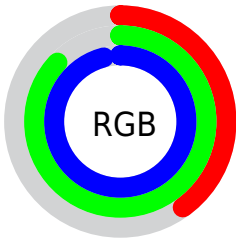
Format	Color
RYB	102, 167, 244
Decimal	6741492
CIELab	82.42, -26.96, -21.34
CIElCh	82, 34.384, 218.355
Yxy	61.0693, 0.2341, 0.3000
Android (android.graphics.Color)	4284931572 (0xFF66DDF4)
YUV	188.0410, 27.5878, -75.4580
Hunter-Lab	78.1469, -27.8823, -17.2699

Details

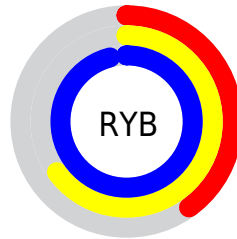
The YUV color **188.0410, 27.5878, -75.4580** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **157.9590, -27.5878, 75.4580**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **124.5550, 31.2784, -92.5717** is the 20% darker color. If you saturate the color by 10%, you get **178.5170, 32.2831, -88.1534**, and if you desaturate by 10%, it is **197.5650, 22.8925, -62.7625**.

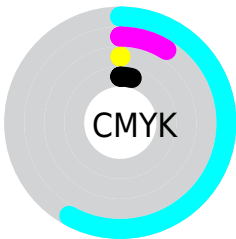
Distribution



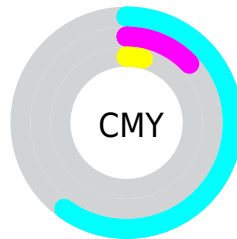
- Red (40%)
- Green (87%)
- Blue (96%)



- Red (40%)
- Yellow (65%)
- Blue (96%)



- Cyan (58%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0410, 27.5878, -75.4580 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 188.0410, 27.5878, -75.4580 by changing the saturation by 10% instead.

188.0410, 27.5878,
-75.4580

188.0410, 27.5878,
-75.4580

255.0000, 0.0000,
0.0000

158.2470, 28.4722,
-79.1466

227.7910, 13.4140,
-55.9447

124.5550, 31.2784,
-92.5717

236.7610, 8.9918,
-37.5014

99.9470, 30.0991,
-87.6535

246.0300, 4.4222,
-18.4433

81.6070, 25.8297,
-71.5693

64.0820, 22.1446,
-56.1999

47.8450, 18.3174,
-41.9601

31.6080, 14.4903,

-27.7202

■ 15.1260, 12.2629,
-13.2655

■ 2.6390, 7.5730,
-2.3144

■ 188.0410, 27.5878,
-75.4580

■ 188.0410, 27.5878,
-75.4580

■ 178.5170, 32.2831,
-88.1534

■ 197.5650, 22.8925,
-62.7625

■ 168.6940, 37.1259,
-101.4636

■ 207.3880, 18.0497,
-49.4523

■ 159.1700, 41.8212,
-114.1591

■ 216.9120, 13.3544,
-36.7568

■ 149.3470, 46.6639,
-127.4693

■ 226.7350, 8.5116,
-23.4466

■ 147.5640, 47.5429,
-129.4136

■ 236.2590, 3.8163,
-10.7511

■ 245.7830, -0.8790,
1.9443

■ 250.2240, -3.0684,
4.1886

■ 252.5720, -4.2260,
2.1294

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



188.6710, 11.9942, -67.2405



188.0410, 27.5878, -75.4580



194.1450, 30.0015, -56.2552

Triad

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



188.0410, 27.5878, -75.4580



210.1740, 9.7742, 38.4354



202.4770, -30.3082, 14.4907

Complementary

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



188.0410, 27.5878, -75.4580



157.9590, -27.5878, 75.4580

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.



205.2610, -29.2157, 37.4821



188.0410, 27.5878, -75.4580



204.9500, -3.9193, 43.8939

Square

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



188.0410, 27.5878, -75.4580



209.0270, 22.6647, 10.5003



203.8780, -18.1809, 44.8340



198.4780, -21.9277, -13.5742

Rectangle

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



188.0410, 27.5878, -75.4580



199.5930, 27.3157, -34.7231



203.8780, -18.1809, 44.8340



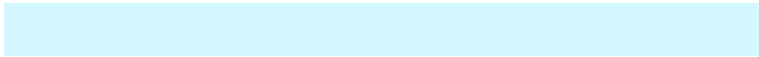
203.1190, -30.6247, 22.6976

Sweetspot

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



188.0410, 27.5878, -75.4580



238.0340, 8.3642, -22.8318



187.7480, -31.9208, -75.2010



117.2910, 5.2795, -13.4102



0.0000, 0.0000, 0.0000



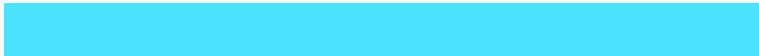
128.0000, 0.0000, 0.0000

Same Dimension

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



188.0410, 27.5878, -75.4580



184.7550, 34.6308, -94.5011



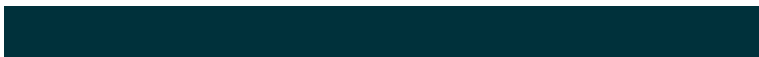
147.5380, 47.5558, -39.9368



117.2380, 2.3477, -6.3477



112.7760, 36.0994, -98.9046



35.4890, 11.5909, -31.1239

Inverse Universe

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



158.0240, 31.0472, 75.4010



147.2080, 38.8445, 94.5336



198.4620, -47.5558, 39.9368



114.7280, 2.5991, 6.3775



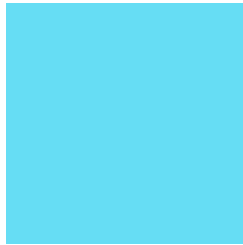
73.3980, 40.7228, 98.7520



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 188.0410, 27.5878, -75.4580 looks on a white background.

Color Contrast Check

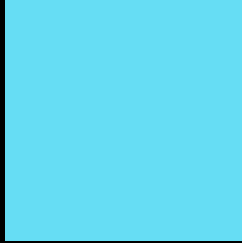
Large Text (above 18pt) WCAG AA × Fail

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 188.0410, 27.5878, -75.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

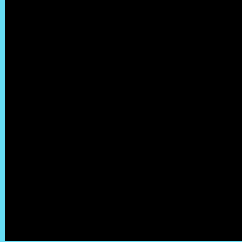
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0410, 27.5878, -75.4580

Background



This preview shows how black text looks on a background with the YUV color 188.0410, 27.5878, -75.4580.



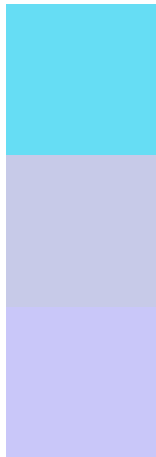
This preview shows how white text looks on a background with the YUV color 188.0410, 27.5878, -75.4580.

-75.4580.

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

188.0410, 27.5878, -75.4580

Protanopia

204.5230, 13.5462, -4.8437

Deuteranopia

205.2980, 21.5451, -3.7693



Tritanopia

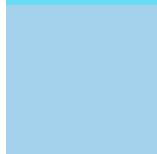
187.5740, 25.8460, -76.8024

Trichromacy



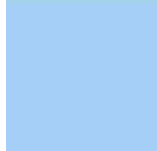
Original Color

188.0410, 27.5878, -75.4580



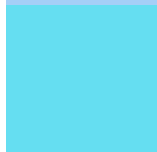
Protanomaly

198.6230, 18.4269, -30.3644



Deuteranomaly

199.0020, 23.6630, -29.8198



Tritanomaly

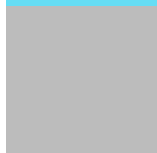
187.9870, 26.1354, -76.2876

Monochromacy



Original Color

188.0410, 27.5878, -75.4580



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0550, 9.8329, -27.2352

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0410, 27.5878, -75.4580 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(102, 221, 244)` looks like.

```
.text, #text, p{  
    color:rgb(102, 221, 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(102, 221, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 221, 244) }
```

Border

The CSS property to change the border of an element to YUV 188.0410, 27.5878, -75.4580 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(102, 221, 244) }
```


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

```
.border{ border-color:rgb(102, 221, 244) }
```

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

Here you see how a box with a 4 pixel rgb(102, 221, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 221, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 221, 244);  
box-shadow:4px 4px 4px 4px rgb(102, 221,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 188.0410, 27.5878, -75.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 221, 244) }
```

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

```
.background{ background-color: rgb(102,  
221, 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](#).

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