

Converting Colors

YUV(189.3080, 5.7642,
-75.6921)

Have a look what the booklet for
YUV(189.3080, 5.7642, -75.6921)
contains.

YUV(189.3080, 5.7642, -75.6921)	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(189.3080, 5.7642,
-75.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	67E7C9
RGB	103, 231, 201
RGB Percent	40%, 91%, 79%
CMY	0.5961, 0.0941, 0.2118
CMYK	0.55, 0.00, 0.13, 0.09
HSL	166°, 73%, 65%
HSV	166°, 55%, 91%
XYZ	44.7120, 64.2524, 65.3037
YIQ	189.3080, -66.6580, -36.4660

Conversions

Conversions Part 2

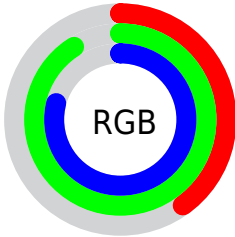
Format	Color
RYB	103, 175, 231
Decimal	6809545
CIELab	84.10, -42.59, 3.92
CIELCh	84, 42.768, 174.745
Yxy	64.2524, 0.2566, 0.3687
Android (android.graphics.Color)	4284999625 (0xFF67E7C9)
YUV	189.3080, 5.7642, -75.6921
Hunter-Lab	80.1576, -40.7082, 7.8073

Details

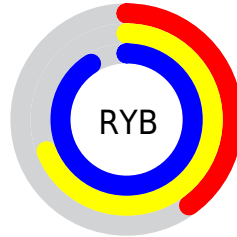
The YUV color **189.3080, 5.7642, -75.6921** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **144.6920, -5.7642, 75.6921**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4920, 13.5614, -56.5595**, and **128.4530, 9.1437, -86.3433** is the 20% darker color. If you saturate the color by 10%, you get **181.8610, 6.9705, -89.3321**, and if you desaturate by 10%, it is **196.7550, 4.5578, -62.0521**.

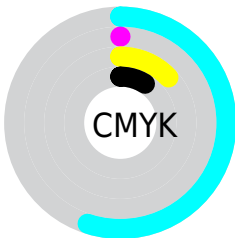
Distribution



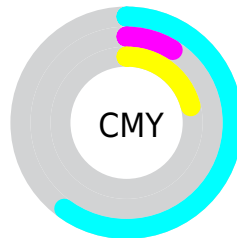
- Red (40%)
- Green (91%)
- Blue (79%)



- Red (40%)
- Yellow (69%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (60%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3080, 5.7642, -75.6921 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 189.3080, 5.7642, -75.6921 by changing the saturation by 10% instead.

189.3080, 5.7642,
-75.6921

189.3080, 5.7642,
-75.6921

255.0000, 0.0000,
0.0000

160.2260, 6.7906,
-78.2512

227.4920, 13.5614,
-56.5595

128.4530, 9.1437,
-86.3433

236.4620, 9.1392,
-38.1162

100.6700, 10.0227,
-88.2876

245.4320, 4.7170,
-19.6729

82.0850, 7.3531,
-71.9885

254.4020, 0.2948,
-1.2296

64.6740, 4.1047,
-56.7191

47.3770, 1.2931,
-41.5496

31.4820, -1.2236,

-27.6097

■ 14.0710, -4.4720,
-12.3403

■ 0.0000, 0.0000,
0.0000

■ 189.3080, 5.7642,
-75.6921

■ 189.3080, 5.7642,
-75.6921

■ 181.8610, 6.9705,
-89.3321

■ 196.7550, 4.5578,
-62.0521

■ 174.3000, 7.7401,
-102.8721

■ 204.3160, 3.7882,
-48.5121

■ 166.8530, 8.9465,
-116.5121

■ 211.7630, 2.5818,
-34.8722

■ 159.2920, 9.7160,
-130.0521

■ 219.3240, 1.8123,
-21.3321

■ 155.7750, 10.4639,
-136.6147

■ 227.0700, 0.4585,
-7.0774

■ 234.5170, -0.7479,
6.5626

■ 239.0880, -0.0434,
13.9548

■ 239.6580, 2.1406,
13.4549

■ 240.3420, 4.7614,
12.8551

Harmonies

Analogous

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



197.4750, -17.4892, -37.2506



189.3080, 5.7642, -75.6921



178.7330, 31.1906, -111.1448

Triad

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



189.3080, 5.7642, -75.6921



208.6400, 22.8555, -4.0693



204.8920, -29.5268, 43.9447

Complementary

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



189.3080, 5.7642, -75.6921



144.6920, -5.7642, 75.6921

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.



202.7840, -12.2185, 45.7934



189.3080, 5.7642, -75.6921



215.3720, 19.5366, 33.8768

Square

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



189.3080, 5.7642, -75.6921



197.7220, 28.2381, -50.6222



206.2840, 6.2690, 42.7239



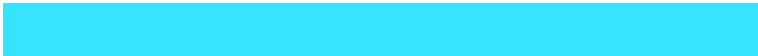
207.6980, -38.7981, 30.9599

Rectangle

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



189.3080, 5.7642, -75.6921



179.0520, 37.4424, -109.6706



206.2840, 6.2690, 42.7239



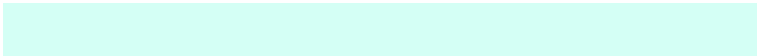
203.6840, -24.0012, 45.0041

Sweetspot

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



189.3080, 5.7642, -75.6921



241.0030, 1.9705, -25.4356



187.7040, -41.7591, -46.2214



119.5420, 1.2118, -15.3843



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.



189.3080, 5.7642, -75.6921



200.3220, 7.7293, -99.3834



173.9440, 28.1286, -62.2179



111.0700, 0.4585, -7.0774



120.6910, 8.0403, -105.8460



34.3830, 2.2762, -30.1539

Inverse Universe

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



144.6920, -5.7642, 75.6921



141.6780, -7.7293, 99.3834



160.0560, -28.1286, 62.2179



106.9300, -0.4585, 7.0774



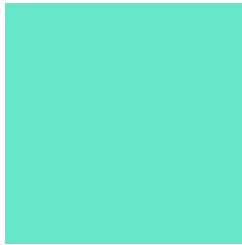
58.3090, -8.0403, 105.8460



16.6170, -2.2762, 30.1539

Previews

White Background



This preview shows how the YUV color 189.3080, 5.7642, -75.6921 looks on a white background.

Color Contrast Check

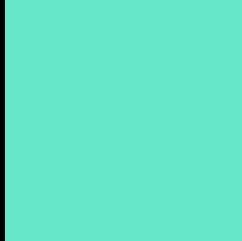
Large Text (above 18pt) WCAG AA × Fail

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 189.3080, 5.7642, -75.6921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

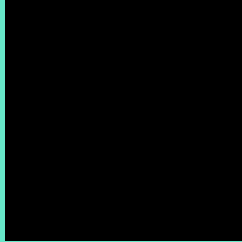
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

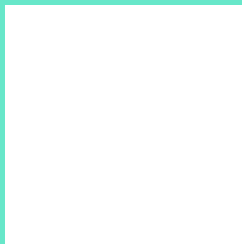
Any Text WCAG AAA ✓ Pass

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

YUV 189.3080, 5.7642, -75.6921 Background



This preview shows how black text looks on a background with the YUV color 189.3080, 5.7642, -75.6921.



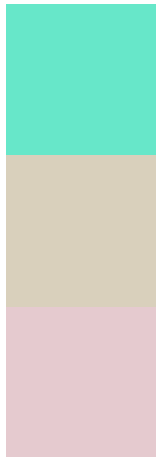
This preview shows how white text looks on a background with the YUV color 189.3080, 5.7642,

-75.6921.

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

189.3080, 5.7642, -75.6921

Protanopia

208.4110, -10.0626, 7.5326

Deuteranopia

210.6430, -1.7960, 16.0991



Tritanopia

194.7600, 23.7823, -68.1955

Trichromacy



Original Color

189.3080, 5.7642, -75.6921



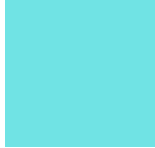
Protanomaly

201.4180, -4.1501, -22.2916



Deuteranomaly

203.1180, 0.9278, -17.6435



Tritanomaly

192.7290, 17.3886, -70.7993

Monochromacy



Original Color

189.3080, 5.7642, -75.6921



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9920, 1.9759, -27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3080, 5.7642, -75.6921 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(103, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(103, 231, 201)  
}
```

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(103, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 231, 201) }
```

Border

The CSS property to change the border of an element to YUV 189.3080, 5.7642, -75.6921 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(103, 231, 201) }
```


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

```
.border{ border-color:rgb(103, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(103, 231,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 189.3080, 5.7642, -75.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 231, 201) }
```

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

```
.background{ background-color: rgb(103,  
231, 201) }
```

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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