

Converting Colors

YUV(189.8350, 6.4903,
-75.2773)

Have a look what the booklet for
YUV(189.8350, 6.4903, -75.2773)
contains.

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Color

**YUV(189.8350, 6.4903,
-75.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	68E7CB
RGB	104, 231, 203
RGB Percent	41%, 91%, 80%
CMY	0.5922, 0.0941, 0.2039
CMYK	0.55, 0.00, 0.12, 0.09
HSL	167°, 73%, 66%
HSV	167°, 55%, 91%
XYZ	45.0643, 64.4067, 66.5565
YIQ	189.8350, -66.7040, -35.6320

Conversions

Conversions Part 2

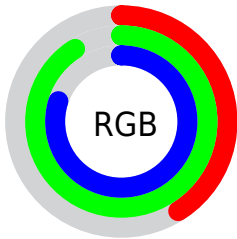
Format	Color
RYB	104, 175, 231
Decimal	6875083
CIELab	84.18, -41.91, 2.98
CIELCh	84, 42.020, 175.929
Yxy	64.4067, 0.2560, 0.3659
Android (android.graphics.Color)	4285065163 (0xFF68E7CB)
YUV	189.8350, 6.4903, -75.2773
Hunter-Lab	80.2538, -40.2123, 7.0069

Details

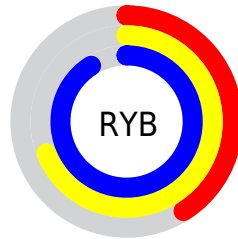
The YUV color **189.8350, 6.4903, -75.2773** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **145.1650, -6.4903, 75.2773**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7910, 13.4140, -55.9447**, and **129.2790, 9.7225, -85.3137** is the 20% darker color. If you saturate the color by 10%, you get **182.3880, 7.6967, -88.9173**, and if you desaturate by 10%, it is **197.2820, 5.2840, -61.6373**.

Distribution



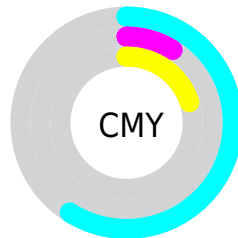
- Red (41%)
- Green (91%)
- Blue (80%)



- Red (41%)
- Yellow (69%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (59%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8350, 6.4903, -75.2773 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 189.8350, 6.4903, -75.2773 by changing the saturation by 10% instead.

■ 189.8350, 6.4903,
-75.2773

■ 189.8350, 6.4903,
-75.2773

255.0000, 0.0000,
0.0000

■ 160.7530, 7.5168,
-77.8364

■ 227.7910, 13.4140,
-55.9447

■ 129.2790, 9.7225,
-85.3137

■ 236.7610, 8.9918,
-37.5014

■ 100.8980, 10.8963,
-88.4875

■ 245.7310, 4.5696,
-19.0581

■ 82.1990, 7.7899,
-72.0885

254.7010, 0.1474,
-0.6148

■ 64.9020, 4.9783,
-56.9191

■ 47.6050, 2.1667,
-41.7496

■ 31.7100, -0.3500,

-27.8097

■ 14.2990, -3.5984,
-12.5402

■ 0.0000, 0.0000,
0.0000

■ 189.8350, 6.4903,
-75.2773

■ 189.8350, 6.4903,
-75.2773

■ 182.3880, 7.6967,
-88.9173

■ 197.2820, 5.2840,
-61.6373

■ 174.9410, 8.9031,
-102.5573

■ 204.7290, 4.0776,
-47.9973

■ 167.4940, 10.1095,
-116.1972

■ 212.1760, 2.8712,
-34.3574

■ 160.0470, 11.3158,
-129.8372

■ 219.6230, 1.6649,
-20.7174

■ 156.1170, 11.7743,
-136.9146

■ 227.0700, 0.4585,
-7.0774

■ 234.9300, -0.4585,
7.0774

■ 239.0880, -0.0434,
13.9548

■ 239.6580, 2.1406,
13.4549

■ 240.2280, 4.3246,
12.9550

Harmonies

Analogous

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



198.2900, -16.9050, -37.9653



189.8350, 6.4903, -75.2773



180.9400, 30.5956, -106.9414

Triad

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



189.8350, 6.4903, -75.2773



209.5370, 22.4133, -2.2249



205.5930, -29.3793, 43.3299

Complementary

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



189.8350, 6.4903, -75.2773



145.1650, -6.4903, 75.2773

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.



203.2570, -12.9447, 45.3786



189.8350, 6.4903, -75.2773



215.6710, 19.3892, 34.4915

Square

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



189.8350, 6.4903, -75.2773



198.6300, 27.7904, -47.0335



206.6430, 5.1060, 42.4091



207.9150, -37.9191, 29.0155

Rectangle

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



189.8350, 6.4903, -75.2773



182.0420, 35.9683, -103.5228



206.6430, 5.1060, 42.4091



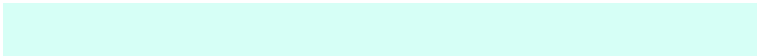
204.2710, -24.2906, 44.4893

Sweetspot

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



189.8350, 6.4903, -75.2773



241.7150, 2.1125, -24.3061



187.5190, -41.1749, -46.9362



119.8410, 1.0644, -14.7696



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.



189.8350, 6.4903, -75.2773



200.5500, 8.6028, -99.5834



173.0690, 28.5600, -60.5735



111.0700, 0.4585, -7.0774



120.9190, 8.9139, -106.0460



34.4970, 2.7130, -30.2539

Inverse Universe

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



145.1650, -6.4903, 75.2773



141.4500, -8.6028, 99.5834



161.9310, -28.5600, 60.5735



106.9300, -0.4585, 7.0774



57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 189.8350, 6.4903, -75.2773 looks on a white background.

Color Contrast Check

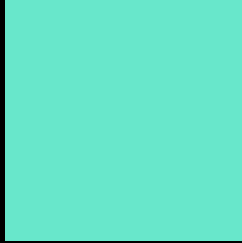
Large Text (above 18pt) WCAG AA × Fail

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 189.8350, 6.4903, -75.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

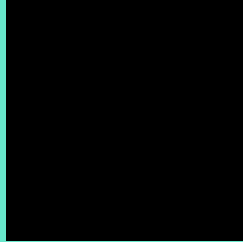
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

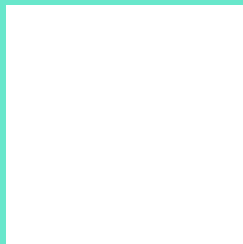
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.8350, 6.4903, -75.2773

Background



This preview shows how black text looks on a background with the YUV color 189.8350, 6.4903, -75.2773.



This preview shows how white text looks on a background with the YUV color 189.8350, 6.4903,

-75.2773.

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

189.8350, 6.4903, -75.2773

Protanopia

208.3400, -9.0416, 6.7178

Deuteranopia

210.5720, -0.7750, 15.2844



Tritanopia

195.0590, 23.6349, -67.5807

Trichromacy



Original Color

189.8350, 6.4903, -75.2773



Protanomaly

201.3470, -3.1291, -23.1063



Deuteranomaly

203.3460, 1.8014, -17.8434



Tritanomaly

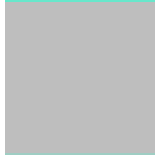
193.0280, 17.2412, -70.1846

Monochromacy



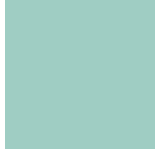
Original Color

189.8350, 6.4903, -75.2773



Achromatopsia

190.0000, 0.0000, 0.0000



Achromatomaly

190.1060, 2.4127, -27.2800

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8350, 6.4903, -75.2773 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(104, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(104, 231, 203)  
}
```

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(104, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 231, 203) }
```

Border

The CSS property to change the border of an element to YUV 189.8350, 6.4903, -75.2773 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(104, 231, 203) }
```


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

```
.border{ border-color:rgb(104, 231, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 231, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 231, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 231, 203); box-shadow:4px 4px 4px 4px rgb(104, 231, 203) }
```

Background

The CSS property to change the background color of an element to YUV 189.8350, 6.4903, -75.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 231, 203) }
```

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

```
.background{ background-color: rgb(104,  
231, 203) }
```

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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