

Converting Colors

YUV(188.8970, 2.5158,
-60.4227)

Have a look what the booklet for
YUV(188.8970, 2.5158, -60.4227)
contains.

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Color

**YUV(188.8970, 2.5158,
-60.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	78DFC2
RGB	120, 223, 194
RGB Percent	47%, 87%, 76%
CMY	0.5294, 0.1255, 0.2392
CMYK	0.46, 0.00, 0.13, 0.13
HSL	163°, 62%, 67%
HSV	163°, 46%, 87%
XYZ	43.8710, 60.6635, 60.4359
YIQ	188.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

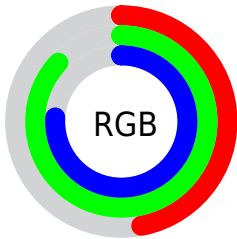
Format	Color
RYB	120, 180, 223
Decimal	7921602
CIELab	82.20, -36.85, 4.94
CIELCh	82, 37.184, 172.363
Yxy	60.6635, 0.2659, 0.3677
Android (android.graphics.Color)	4286111682 (0xFF78DFC2)
YUV	188.8970, 2.5158, -60.4227
Hunter-Lab	77.8868, -35.7587, 8.5149

Details

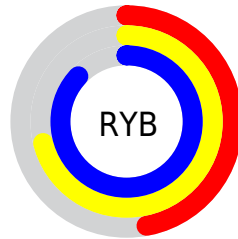
The YUV color **188.8970, 2.5158, -60.4227** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **154.1030, -2.5158, 60.4227**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1080, 9.3138, -47.4527**, and **132.2280, 3.8316, -62.4670** is the 20% darker color. If you saturate the color by 10%, you get **181.6350, 3.1379, -73.3479**, and if you desaturate by 10%, it is **196.1590, 1.8936, -47.4974**.

Distribution



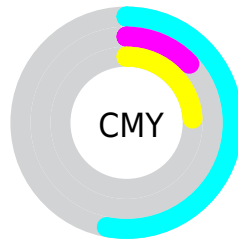
- Red (47%)
- Green (87%)
- Blue (76%)



- Red (47%)
- Yellow (71%)
- Blue (87%)



- Cyan (46%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (53%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.8970, 2.5158, -60.4227 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 188.8970, 2.5158, -60.4227 by changing the saturation by 10% instead.

 188.8970, 2.5158,
-60.4227

 188.8970, 2.5158,
-60.4227

255.0000, 0.0000,
0.0000


 160.7120, 3.1000,
-61.1374


 231.1080, 9.3138,
-47.4527


 132.2280, 3.8316,
-62.4670


 240.3490, 7.2229,
-30.1241

 102.4660, 6.1793,
-68.8147

 249.3190, 2.8007,
-11.6808

 77.1780, 6.3212,
-67.6851

 59.8810, 3.5097,
-52.5156

 43.2850, 0.8455,
-37.9609

 27.9770, -1.9607,

-24.5358

■ 8.2180, -4.0515,
-7.2072

■ 0.0000, 0.0000,
0.0000

■ 188.8970, 2.5158,
-60.4227

■ 188.8970, 2.5158,
-60.4227

■ 181.6350, 3.1379,
-73.3479

■ 196.1590, 1.8936,
-47.4974

■ 173.9600, 3.4707,
-86.7879

■ 203.8340, 1.5608,
-34.0574

■ 166.6980, 4.0929,
-99.7131

■ 211.0960, 0.9387,
-21.1322

■ 159.4360, 4.7151,
-112.6384

■ 218.3580, 0.3165,
-8.2070

■ 152.1740, 5.3372,
-125.5636

■ 225.9190, -0.4531,
5.3330

■ 149.1410, 5.3535,
-130.7967

■ 233.2950, -0.6384,
18.1583

■ 234.2780, 1.8349,
18.1732

■ 234.9620, 4.4557,
17.5733

■ 235.7600, 7.5133,
16.8735

Harmonies

Analogous

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



195.0460, -16.7847, -29.8583



188.8970, 2.5158, -60.4227



183.4330, 22.9575, -83.6947

Triad

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



188.8970, 2.5158, -60.4227



204.7860, 24.7555, -6.8283



203.2280, -25.7484, 45.4040

Complementary

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



188.8970, 2.5158, -60.4227



154.1030, -2.5158, 60.4227

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.



201.8380, -10.7661, 46.6231



188.8970, 2.5158, -60.4227



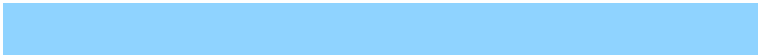
209.6870, 18.3953, 26.5845

Square

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



188.8970, 2.5158, -60.4227



195.6840, 29.2428, -46.2039



205.8280, 4.5218, 43.1238



203.0660, -33.5565, 29.7601

Rectangle

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



188.8970, 2.5158, -60.4227



184.5390, 32.2723, -84.6647



205.8280, 4.5218, 43.1238



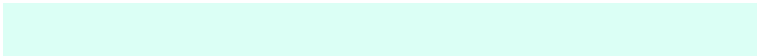
202.3790, -21.3858, 46.1486

Sweetspot

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



188.8970, 2.5158, -60.4227



243.0960, 0.9387, -21.1322



189.1320, -34.0821, -35.1958



120.6240, 0.1854, -12.8252



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.



188.8970, 2.5158, -60.4227



208.6940, 3.6019, -82.1696



179.2890, 21.5495, -51.9965



108.3690, 0.3111, -6.4626



117.6760, 4.1037, -103.2019



32.1660, 1.3972, -28.2096

Inverse Universe

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



154.1030, -2.5158, 60.4227



161.3060, -3.6019, 82.1696



163.7110, -21.5495, 51.9965



104.6310, -0.3111, 6.4626



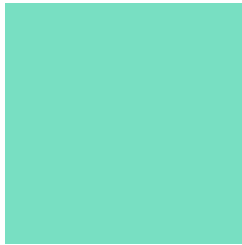
58.3240, -4.1037, 103.2019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 188.8970, 2.5158, -60.4227 looks on a white background.

Color Contrast Check

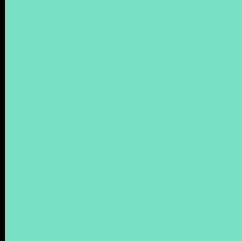
Large Text (above 18pt) WCAG AA × Fail

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 188.8970, 2.5158, -60.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

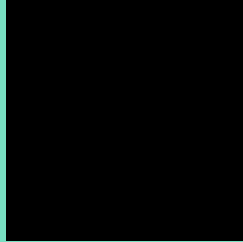
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8970, 2.5158, -60.4227

Background



This preview shows how black text looks on a background with the YUV color 188.8970, 2.5158, -60.4227.



This preview shows how white text looks on a background with the YUV color 188.8970, 2.5158, -60.4227.

-60.4227.

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

188.8970, 2.5158, -60.4227

Protanopia

203.4110, -10.0626, 7.5326

Deuteranopia

205.4150, -2.6696, 16.2990



Tritanopia

193.3380, 20.5394, -54.6704

Trichromacy



Original Color

188.8970, 2.5158, -60.4227



Protanomaly

198.1090, -5.4767, -16.7586



Deuteranomaly

199.1080, -0.5462, -11.4957



Tritanomaly

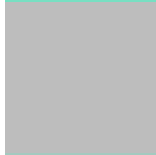
191.6060, 13.9982, -56.6595

Monochromacy



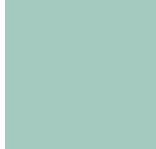
Original Color

188.8970, 2.5158, -60.4227



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.7970, 1.0861, -21.7470

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8970, 2.5158, -60.4227 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(120, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(120, 223, 194)  
}
```

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(120, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 223, 194) }
```

Border

The CSS property to change the border of an element to YUV 188.8970, 2.5158, -60.4227 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(120, 223, 194) }
```


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

```
.border{ border-color:rgb(120, 223, 194) }
```

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

Here you see how a box with a 4 pixel rgb(120, 223, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 223, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 223, 194);  
box-shadow:4px 4px 4px 4px rgb(120, 223,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 188.8970, 2.5158, -60.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 223, 194) }
```

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

```
.background{ background-color: rgb(120,  
223, 194) }
```

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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