

Converting Colors

YUV(162.8010, 1.5771,
-39.2905)

Have a look what the booklet for
YUV(162.8010, 1.5771, -39.2905)
contains.

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Color

**YUV(162.8010, 1.5771,
-39.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	76B9A6
RGB	118, 185, 166
RGB Percent	46%, 73%, 65%
CMY	0.5373, 0.2745, 0.3490
CMYK	0.36, 0.00, 0.10, 0.27
HSL	163°, 32%, 59%
HSV	163°, 36%, 73%
XYZ	31.7031, 41.3026, 42.3777
YIQ	162.8010, -33.8330, -20.1130

Conversions

Conversions Part 2

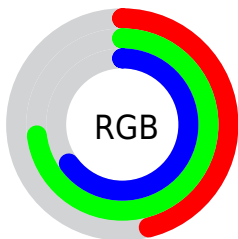
Format	Color
RYB	118, 157, 185
Decimal	7780774
CIELab	70.39, -25.60, 2.92
CIElCh	70, 25.769, 173.493
Yxy	41.3026, 0.2748, 0.3580
Android (android.graphics.Color)	4285970854 (0xFF76B9A6)
YUV	162.8010, 1.5771, -39.2905
Hunter-Lab	64.2671, -24.4131, 5.8912

Details

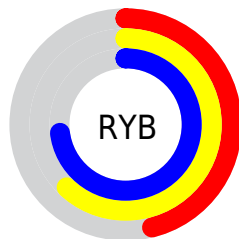
The YUV color **162.8010, 1.5771, -39.2905** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **140.1990, -1.5771, 39.2905**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.0890, 1.4351, -40.4201**, and **109.9150, 2.0139, -39.3905** is the 20% darker color. If you saturate the color by 10%, you get **156.8490, 2.0464, -49.8566**, and if you desaturate by 10%, it is **169.0520, 0.9604, -28.1096**.

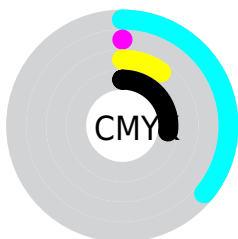
Distribution



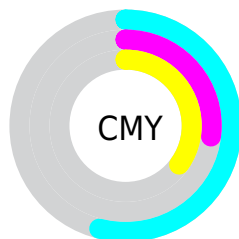
- Red (46%)
- Green (73%)
- Blue (65%)



- Red (46%)
- Yellow (62%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8010, 1.5771, -39.2905 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 162.8010, 1.5771, -39.2905 by changing the saturation by 10% instead.

■ 162.8010, 1.5771,
-39.2905

■ 162.8010, 1.5771,
-39.2905

255.0000, 0.0000,
0.0000

■ 136.2140, 1.8665,
-38.7757

■ 218.0890, 1.4351,
-40.4201

■ 109.9150, 2.0139,
-39.3905

■ 238.2840, 5.7760,
-32.6981

■ 84.1430, 2.8875,
-39.5904

■ 247.2260, 3.8326,
-15.9842

■ 56.8540, 4.5090,
-46.3530

■ 39.0620, 2.4344,
-34.2574

■ 23.8680, 0.0651,
-20.9322

■ 1.7610, -0.8682,

-1.5444

■ 0.0000, 0.0000,
0.0000

■ 162.8010, 1.5771,
-39.2905

■ 162.8010, 1.5771,
-39.2905

■ 156.8490, 2.0464,
-49.8566

■ 169.0520, 0.9604,
-28.1096

■ 150.5980, 2.6632,
-61.0374

■ 175.0040, 0.4910,
-17.5435

■ 144.5320, 2.6957,
-71.5036

■ 181.3690, 0.3111,
-6.4626

■ 138.2810, 3.3125,
-82.6844

■ 187.3210, -0.1583,
4.1035

■ 132.3290, 3.7818,
-93.2505

■ 193.5720, -0.7750,
15.2844

■ 126.0780, 4.3985,
-104.4314

■ 199.5240, -1.2443,
25.8505

■ 123.7570, 4.5568,
-108.5349

■ 205.8890, -1.4243,
36.9313

■ 208.5520, -0.2721,
40.7349

■ 209.1220, 1.9119,
40.2350

Harmonies

Analogous

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



166.0070, -10.8495, -20.1771



162.8010, 1.5771, -39.2905



161.0520, 14.2714, -50.9116

Triad

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



162.8010, 1.5771, -39.2905



173.6570, 20.3821, -4.0842



173.2850, -18.8745, 33.9531

Complementary

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



162.8010, 1.5771, -39.2905



140.1990, -1.5771, 39.2905

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.



175.0220, -9.8708, 39.4457



162.8010, 1.5771, -39.2905



175.6230, 12.0179, 18.7476

Square

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



162.8010, 1.5771, -39.2905



168.8280, 24.2418, -28.7902



176.1490, 0.9125, 34.0723



171.5730, -22.4675, 19.6685

Rectangle

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



162.8010, 1.5771, -39.2905



162.0720, 20.6705, -50.0521



176.1490, 0.9125, 34.0723



173.9910, -16.2646, 36.8419

Sweetspot

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



162.8010, 1.5771, -39.2905



231.0150, 0.4856, -15.7992



163.3090, -22.3373, -22.1960



114.6460, 0.1745, -9.3365



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



162.8010, 1.5771, -39.2905



205.7830, 2.0790, -60.3227



157.3360, 13.6384, -34.4977



88.9670, 0.0163, -5.2331



104.2260, 3.3396, -91.4062



18.7160, 0.6330, -16.4139

Inverse Universe

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



140.1990, -1.5771, 39.2905



171.1030, -2.5158, 60.4227



145.6640, -13.6384, 34.4977



85.9190, -0.4531, 5.3330



51.6600, -3.7764, 91.5062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 162.8010, 1.5771, -39.2905 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 162.8010, 1.5771, -39.2905 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

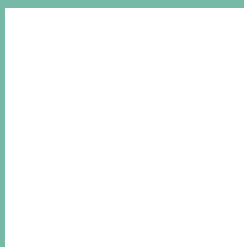
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 162.8010, 1.5771, -39.2905

Background



This preview shows how black text looks on a background with the YUV color 162.8010, 1.5771, -39.2905.



This preview shows how white text looks on a background with the YUV color 162.8010, 1.5771, -39.2905.

-39.2905.

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

162.8010, 1.5771, -39.2905

Protanopia

171.3120, -6.5628, 4.9884

Deuteranopia

173.0340, -1.4958, 13.1252



Tritanopia

165.8520, 14.3700, -35.8272

Trichromacy



Original Color

162.8010, 1.5771, -39.2905

Protanomaly

168.3100, -3.6038, -10.7959

Deuteranomaly

169.5540, -0.2731, -5.7479

Tritanomaly

164.2880, 9.7180, -37.0866

Monochromacy



Original Color

162.8010, 1.5771, -39.2905

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0260, 0.4802, -14.0548

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8010, 1.5771, -39.2905 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, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(118, 185, 166)  
}
```

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, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 185, 166) }
```

Border

The CSS property to change the border of an element to YUV 162.8010, 1.5771, -39.2905 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, 185, 166) }
```


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

```
.border{ border-color:rgb(118, 185, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 185, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(118, 185,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 162.8010, 1.5771, -39.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 185, 166) }
```

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

```
.background{ background-color: rgb(118,  
185, 166) }
```

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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