

Converting Colors

YUV(159.5070, 20.9490,
-46.0486)

Have a look what the booklet for
YUV(159.5070, 20.9490, -46.0486)
contains.

YUV(159.5070, 20.9490, -46.0486)	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(159.5070, 20.9490,
-46.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB2CA
RGB	107, 178, 202
RGB Percent	42%, 70%, 79%
CMY	0.5804, 0.3020, 0.2078
CMYK	0.47, 0.12, 0.00, 0.21
HSL	195°, 47%, 61%
HSV	195°, 47%, 79%
XYZ	32.6445, 39.2309, 61.7289
YIQ	159.5070, -50.0200, -7.5880

Conversions

Conversions Part 2

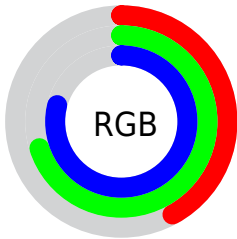
Format	Color
RYB	107, 148, 202
Decimal	7058122
CIELab	68.92, -15.87, -19.12
CIELCh	69, 24.847, 230.301
Yxy	39.2309, 0.2443, 0.2936
Android (android.graphics.Color)	4285248202 (0xFF6BB2CA)
YUV	159.5070, 20.9490, -46.0486
Hunter-Lab	62.6345, -16.5781, -14.5885

Details

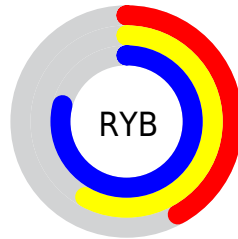
The YUV color **159.5070, 20.9490, -46.0486** is a light color, and the websafe version is hex **669999**. A complement of this color would be **149.4930, -20.9490, 46.0486**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1650, 19.6387, -45.7487**, and **104.8980, 21.2493, -49.0225** is the 20% darker color. If you saturate the color by 10%, you get **150.5920, 25.3441, -55.7702**, and if you desaturate by 10%, it is **168.4220, 16.5540, -36.3271**.

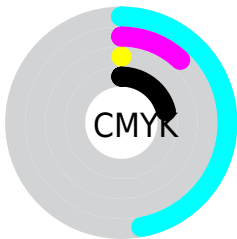
Distribution



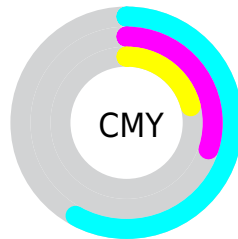
- Red (42%)
- Green (70%)
- Blue (79%)



- Red (42%)
- Yellow (58%)
- Blue (79%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5070, 20.9490, -46.0486 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 159.5070, 20.9490, -46.0486 by changing the saturation by 10% instead.

■ 159.5070, 20.9490,
-46.0486

■ 159.5070, 20.9490,
-46.0486

■ 255.0000, 0.0000,
0.0000

■ 132.2080, 21.0965,
-46.6634

■ 215.1650, 19.6387,
-45.7487

■ 104.8980, 21.2493,
-49.0225

■ 236.1630, 9.2866,
-38.7310

■ 74.7010, 23.3184,
-59.3738

■ 244.8340, 5.0118,
-20.9024

■ 55.6700, 20.3757,
-48.8226

■ 253.5050, 0.7370,
-3.0739

■ 39.4330, 16.5485,
-34.5827

■ 24.5980, 13.0162,
-21.5724

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 159.5070, 20.9490,
-46.0486

■ 159.5070, 20.9490,
-46.0486

■ 150.5920, 25.3441,
-55.7702

■ 168.4220, 16.5540,
-36.3271

■ 141.6770, 29.7392,
-65.4917

■ 177.3370, 12.1589,
-26.6055

■ 132.4630, 34.2817,
-75.8281

■ 186.5510, 7.6164,
-16.2692

■ 123.5480, 38.6768,
-85.5496

■ 195.4660, 3.2213,
-6.5477

■ 114.0460, 43.3613,
-94.7563

■ 204.9680, -1.4632,
2.6591

■ 111.6650, 44.5352,
-97.9302

■ 213.8830, -5.8583,
12.3806

■ 222.7980,
-10.2534, 22.1022

■ 227.8260,
-12.7322, 23.8316

■ 230.7610,
-14.1792, 21.2576

Harmonies

Analogous

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



157.9060, 12.3713, -48.1526



159.5070, 20.9490, -46.0486



164.3010, 23.5156, -29.2050

Triad

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



159.5070, 20.9490, -46.0486



172.0670, 1.9390, 31.5132



165.8590, -19.6505, 2.7547

Complementary

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



159.5070, 20.9490, -46.0486



149.4930, -20.9490, 46.0486

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.



167.8120, -21.5993, 21.2129



159.5070, 20.9490, -46.0486



170.7660, -8.2656, 37.9162

Square

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



159.5070, 20.9490, -46.0486



171.4270, 12.6075, 16.2885



169.6270, -17.5641, 33.6531



162.5020, -11.5865, -17.1033

Rectangle

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



159.5070, 20.9490, -46.0486



167.9330, 21.7250, -14.8502



169.6270, -17.5641, 33.6531



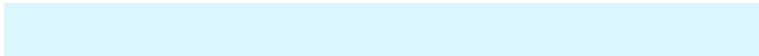
166.2620, -20.8352, 9.4172

Sweetspot

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



159.5070, 20.9490, -46.0486



238.9530, 7.9112, -17.4988



165.5010, -17.0090, -51.3054



117.9000, 4.9793, -10.4363



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.



159.5070, 20.9490, -46.0486



191.1110, 31.4973, -69.3803



131.9180, 34.5504, -21.8531



97.2490, 2.3422, -4.6034



91.7120, 36.6240, -80.4314



21.3550, 8.2060, -18.7283

Inverse Universe

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



143.4990, 17.0090, 51.3054



166.9550, 25.6582, 77.2155



177.0820, -34.5504, 21.8531



95.7880, 1.5835, 5.4479



63.7700, 29.6934, 89.6557



14.6680, 7.0657, 20.4622

Previews

White Background



This preview shows how the YUV color 159.5070, 20.9490, -46.0486 looks on a white background.

Color Contrast Check

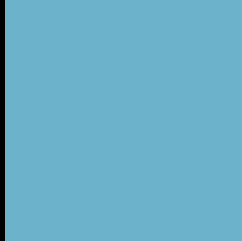
Large Text (above 18pt) WCAG AA × Fail

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 159.5070, 20.9490, -46.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

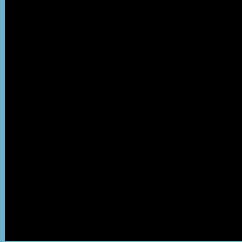
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.5070, 20.9490, -46.0486

Background



This preview shows how black text looks on a background with the YUV color 159.5070, 20.9490, -46.0486.



This preview shows how white text looks on a background with the YUV color 159.5070, 20.9490, -46.0486.

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

159.5070, 20.9490, -46.0486

Protanopia

167.9960, 12.8200, -5.2585

Deuteranopia

168.9730, 17.7613, -3.4843



Tritanopia

158.2850, 17.6075, -47.6079

Trichromacy



Original Color

159.5070, 20.9490, -46.0486

Protanomaly

164.7060, 15.9209, -19.9132

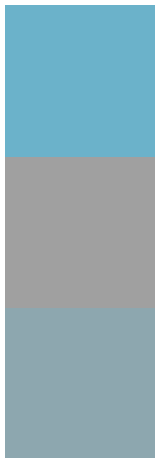
Deuteranomaly

165.5150, 18.9731, -18.8687

Tritanomaly

158.9260, 18.7705, -47.2931

Monochromacy



Original Color

159.5070, 20.9490, -46.0486

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1380, 7.3270, -16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5070, 20.9490, -46.0486 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(107, 178, 202)` looks like.

```
.text, #text, p{  
    color:rgb(107, 178, 202)  
}
```

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(107, 178, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 178, 202) }
```

Border

The CSS property to change the border of an element to YUV 159.5070, 20.9490, -46.0486 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(107, 178, 202) }
```


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

```
.border{ border-color:rgb(107, 178, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 178, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 178, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 178, 202);  
box-shadow:4px 4px 4px 4px rgb(107, 178,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 159.5070, 20.9490, -46.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 178, 202) }
```

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

```
.background{ background-color: rgb(107,  
178, 202) }
```

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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