

Converting Colors

YUV(159.7010, 26.7694,
-46.2188)

Have a look what the booklet for
YUV(159.7010, 26.7694, -46.2188)
contains.

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Color

**YUV(159.7010, 26.7694,
-46.2188)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB0D6
RGB	107, 176, 214
RGB Percent	42%, 69%, 84%
CMY	0.5804, 0.3098, 0.1608
CMYK	0.50, 0.18, 0.00, 0.16
HSL	201°, 57%, 63%
HSV	201°, 50%, 84%
XYZ	33.7263, 39.0315, 69.3746
YIQ	159.7010, -53.3220, -2.8100

Conversions

Conversions Part 2

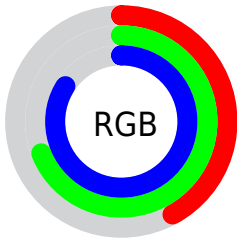
Format	Color
R _Y B	107, 149, 214
Decimal	7057622
CIE Lab	68.77, -11.42, -25.94
CIE LCh	69, 28.341, 246.228
Yxy	39.0315, 0.2373, 0.2746
Android (android.graphics.Color)	4285247702 (0xFF6BB0D6)
YUV	159.7010, 26.7694, -46.2188
Hunter-Lab	62.4752, -12.9709, -22.1050

Details

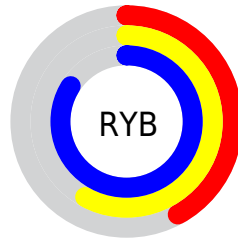
The YUV color **159.7010, 26.7694, -46.2188** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **161.2990, -26.7694, 46.2188**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2900, 20.0700, -44.1043**, and **104.9670, 26.6383, -50.8371** is the 20% darker color. If you saturate the color by 10%, you get **148.7260, 32.1801, -55.0107**, and if you desaturate by 10%, it is **170.6760, 21.3587, -37.4269**.

Distribution



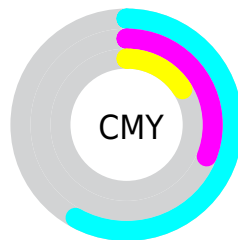
- Red (42%)
- Green (69%)
- Blue (84%)



- Red (42%)
- Yellow (58%)
- Blue (84%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.7010, 26.7694, -46.2188 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 159.7010, 26.7694, -46.2188 by changing the saturation by 10% instead.

■ 159.7010, 26.7694,
-46.2188

■ 159.7010, 26.7694,
-46.2188

■ 255.0000, 0.0000,
0.0000

■ 131.9890, 26.6274,
-47.3484

■ 214.2900, 20.0700,
-44.1043

■ 104.9670, 26.6383,
-50.8371

■ 236.4620, 9.1392,
-38.1162

■ 73.2750, 29.4444,
-64.2622

■ 245.1330, 4.8644,
-20.2876

■ 56.3370, 25.4699,
-49.4075

■ 254.1030, 0.4422,
-1.8443

■ 39.9860, 21.2059,
-35.0677

■ 25.0370, 17.2368,
-21.9574

■ 6.0930, 15.7302,

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 159.7010, 26.7694,
-46.2188

■ 159.7010, 26.7694,
-46.2188

■ 148.7260, 32.1801,
-55.0107

■ 170.6760, 21.3587,
-37.4269

■ 138.0390, 37.4488,
-64.9322

■ 181.3630, 16.0900,
-27.5054

■ 127.0640, 42.8594,
-73.7241

■ 192.3380, 10.6794,
-18.7134

■ 116.3770, 48.1281,
-83.6456

■ 203.0250, 5.4107,
-8.7919

■ 105.4020, 53.5388,
-92.4376

■ 214.0000, 0.0000,
0.0000

■ 224.9750, -5.4107,
8.7919

■ 235.0640,
-10.3846, 17.4839

■ 239.7600,
-12.6997, 13.3655

■ 243.8690,
-14.7254, 9.7619

Harmonies

Analogous

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



155.0170, 20.6976, -58.7739



159.7010, 26.7694, -46.2188



166.2250, 25.5251, -20.3683

Triad

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



159.7010, 26.7694, -46.2188



171.2270, -4.0559, 41.0199



162.8360, -18.1601, -8.6262

Complementary

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



159.7010, 26.7694, -46.2188



161.2990, -26.7694, 46.2188

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.



166.0730, -24.1930, 13.0910



159.7010, 26.7694, -46.2188



169.9530, -15.2598, 41.2602

Square

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



159.7010, 26.7694, -46.2188



172.0650, 8.3490, 28.8840



168.2370, -22.7948, 31.3642



159.0810, -6.4489, -31.6430

Rectangle

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



159.7010, 26.7694, -46.2188



169.4230, 21.9765, -2.1250



168.2370, -22.7948, 31.3642



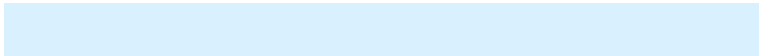
163.7830, -21.0920, -1.5637

Sweetspot

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



159.7010, 26.7694, -46.2188



235.4200, 9.6529, -16.1543



174.0270, -14.8033, -58.7827



115.8400, 5.9949, -9.5067



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.



159.7010, 26.7694, -46.2188



177.5550, 38.1804, -66.2617



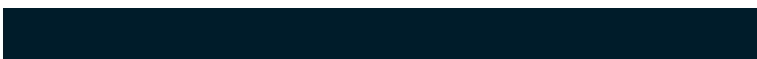
128.5900, 42.1071, -18.9344



101.3630, 2.7790, -4.7034



84.0640, 42.8594, -73.7241



21.3380, 10.6794, -18.7134

Inverse Universe

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



146.8590, 14.3665, 58.8827



159.0330, 20.6897, 84.1631



192.4100, -42.1071, 18.9344



100.0870, 1.4361, 6.0627



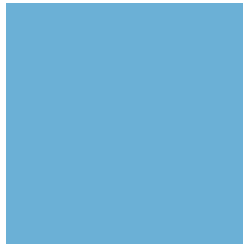
63.6690, 22.8412, 94.1293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 159.7010, 26.7694, -46.2188 looks on a white background.

Color Contrast Check

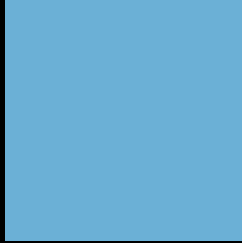
Large Text (above 18pt) WCAG AA × Fail

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 159.7010, 26.7694, -46.2188 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 159.7010, 26.7694, -46.2188

Background



This preview shows how black text looks on a background with the YUV color 159.7010, 26.7694, -46.2188.



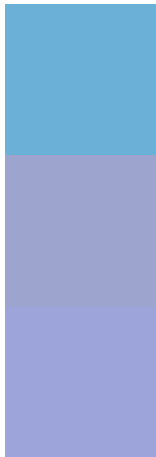
This preview shows how white text looks on a background with the YUV color 159.7010, 26.7694, -46.2188.

-46.2188.

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

159.7010, 26.7694, -46.2188

Protanopia

167.2820, 19.0880, -9.0173

Deuteranopia

167.9490, 24.1821, -9.6023



Tritanopia

157.0890, 18.1971, -50.0671

Trichromacy



Original Color

159.7010, 26.7694, -46.2188

Protanomaly

164.5900, 21.8941, -22.4424

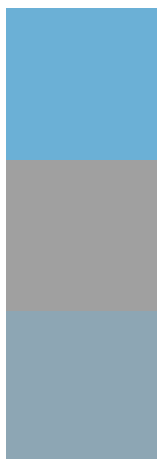
Deuteranomaly

164.8010, 25.2411, -22.6275

Tritanomaly

158.1970, 21.1019, -48.4078

Monochromacy



Original Color

159.7010, 26.7694, -46.2188

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1210, 9.8003, -16.7691

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.7010, 26.7694, -46.2188 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, 176, 214)` looks like.

```
.text, #text, p{  
    color:rgb(107, 176, 214)  
}
```

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, 176, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 176, 214) }
```

Border

The CSS property to change the border of an element to YUV 159.7010, 26.7694, -46.2188 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

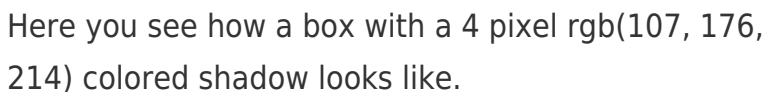
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 176, 214) }
```


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

```
.border{ border-color:rgb(107, 176, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 176, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 176, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 176, 214);  
box-shadow:4px 4px 4px 4px rgb(107, 176,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 159.7010, 26.7694, -46.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 176, 214) }
```

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

```
.background{ background-color: rgb(107,  
176, 214) }
```

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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