

Converting Colors

YUV(177.7790, 11.9410,
-3.3142)

Have a look what the booklet for
YUV(177.7790, 11.9410, -3.3142)
contains.

YUV(177.7790, 11.9410, -3.3142)	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(177.7790, 11.9410,
-3.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	AEAFC4
RGB	174, 175, 202
RGB Percent	68%, 69%, 79%
CMY	0.3176, 0.3137, 0.2078
CMYK	0.14, 0.13, 0.00, 0.21
HSL	238°, 21%, 74%
HSV	238°, 14%, 79%
XYZ	43.4462, 43.9229, 62.0652
YIQ	177.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

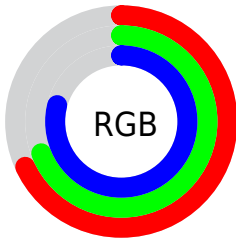
Format	Color
RYB	174, 175, 202
Decimal	11448266
CIELab	72.18, 5.09, -13.80
CIELCh	72, 14.707, 290.236
Yxy	43.9229, 0.2907, 0.2939
Android (android.graphics.Color)	4289638346 (0xFFFAEAFCA)
YUV	177.7790, 11.9410, -3.3142
Hunter-Lab	66.2743, 1.0357, -9.1324

Details

The YUV color $177.7790, 11.9410, -3.3142$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $198.2210, -11.9410, 3.3142$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.8500, 10.9200, -2.4994$, and $125.2520, 11.2148, -3.7290$ is the 20% darker color. If you saturate the color by 10%, you get $160.6460, 20.3875, -5.8285$, and if you desaturate by 10%, it is $194.9120, 3.4944, -0.7998$.

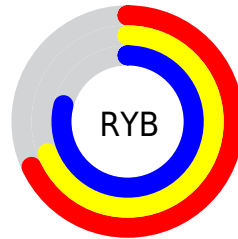
Distribution



Red (68%)

Green (69%)

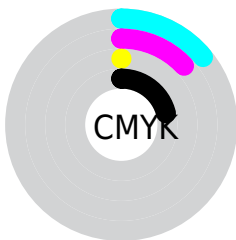
Blue (79%)



Red (68%)

Yellow (69%)

Blue (79%)

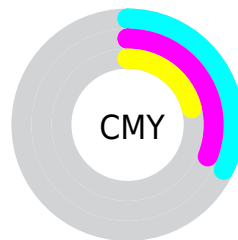


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (31%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7790, 11.9410, -3.3142 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 177.7790, 11.9410, -3.3142 by changing the saturation by 10% instead.

■ 177.7790, 11.9410,
-3.3142

■ 177.7790, 11.9410,
-3.3142

255.0000, 0.0000,
0.0000

■ 150.7790, 11.9410,
-3.3142

■ 232.8500, 10.9200,
-2.4994

■ 125.2520, 11.2148,
-3.7290

■ 100.1380, 10.7780,
-3.6290

■ 76.0240, 10.3412,
-3.5290

■ 53.4970, 9.6150,
-3.9439

■ 31.7960, 9.4676,
-3.3291

■ 7.8500, 10.9200,

-2.4994

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 177.7790, 11.9410,
-3.3142

■ 177.7790, 11.9410,
-3.3142

■ 160.6460, 20.3875,
-5.8285

■ 194.9120, 3.4944,
-0.7998

■ 142.9260, 29.1235,
-7.8281

■ 212.6320, -5.2416,
1.1997

■ 125.4940, 37.7175,
-10.9572

■ 230.0640,
-13.8356, 4.3289

■ 107.7740, 46.4534,
-12.9568

■ 247.7840,
-22.5715, 6.3284

■ 90.6410, 54.9000,
-15.4712

■ 248.9580,
-23.1503, 5.2988

■ 72.9210, 63.6359,
-17.4707

■ 55.7880, 72.0825,
-19.9851

■ 37.7690, 80.9659,
-22.5994

■ 27.1370, 86.2075,
-23.7991

Harmonies

Analogous

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



175.1580, 13.7261, -15.9246



177.7790, 11.9410, -3.3142



179.3030, 7.2456, 9.3813

Triad

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



177.7790, 11.9410, -3.3142



178.0860, -10.3954, 20.9726



172.7540, -0.3717, -20.8323

Complementary

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



177.7790, 11.9410, -3.3142



198.2210, -11.9410, 3.3142

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.



173.9850, -7.3876, -10.5108



177.7790, 11.9410, -3.3142



177.3470, -12.9891, 12.8507

Square

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



177.7790, 11.9410, -3.3142



179.3620, -5.6015, 23.3615



175.6230, -11.6461, 2.0846



172.2570, 6.7753, -26.5354

Rectangle

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



177.7790, 11.9410, -3.3142



179.9080, 3.0034, 16.7437



175.6230, -11.6461, 2.0846



172.7930, -2.8559, -17.3585

Sweetspot

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



177.7790, 11.9410, -3.3142



246.1400, 4.3680, -0.9998



193.5140, 3.6906, -17.1138



121.7980, 3.0576, -0.6998



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.



177.7790, 11.9410, -3.3142



217.4890, 18.4929, -4.8139



181.0790, 10.3141, 5.1927



93.1400, 4.3680, -0.9998



22.4460, 70.7721, -19.6851



4.9190, 16.3089, -4.3140

Inverse Universe

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



182.4860, -3.6906, 17.1138



224.9710, -5.9017, 26.3354



194.9210, -10.3141, -5.1927



94.9900, -1.4741, 6.1478



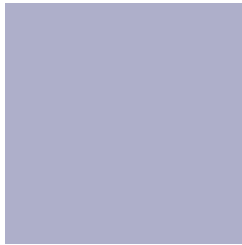
50.3180, -21.8488, 101.4531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 177.7790, 11.9410, -3.3142 looks on a white background.

Color Contrast Check

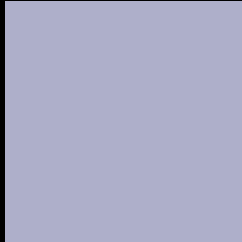
Large Text (above 18pt) WCAG AA × Fail

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 177.7790, 11.9410, -3.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

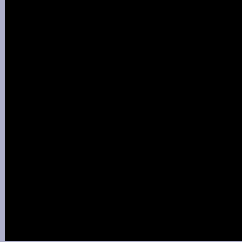
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 177.7790, 11.9410, -3.3142

Background



This preview shows how black text looks on a background with the YUV color 177.7790, 11.9410, -3.3142.



This preview shows how white text looks on a background with the YUV color 177.7790, 11.9410, -3.3142.

-3.3142.

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

177.7790, 11.9410, -3.3142

Protanopia

177.1810, 12.2358, -4.5437

Deuteranopia

178.5240, 12.0667, 3.0485



Tritanopia

177.1010, 6.8522, -4.4736

Trichromacy



Original Color

177.7790, 11.9410, -3.3142

Protanomaly

177.4800, 12.0884, -3.9290

Deuteranomaly

178.2140, 12.2195, 0.6893

Tritanomaly

177.2690, 8.7414, -3.7439

Monochromacy



Original Color

177.7790, 11.9410, -3.3142

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7790, 11.9410, -3.3142 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(174, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 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(174, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 202) }
```

Border

The CSS property to change the border of an element to YUV 177.7790, 11.9410, -3.3142 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(174, 175, 202) }
```


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

```
.border{ border-color:rgb(174, 175, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 177.7790, 11.9410, -3.3142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 202) }
```

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

```
.background{ background-color: rgb(174,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor