

Converting Colors

YUV(150.7790, 11.9410,
-3.3142)

Have a look what the booklet for
YUV(150.7790, 11.9410, -3.3142)
contains.

YUV(150.7790, 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(150.7790, 11.9410,
-3.3142)**

Conversions

Conversions Part 1

Format	Color
Hex	9394AF
RGB	147, 148, 175
RGB Percent	58%, 58%, 69%
CMY	0.4235, 0.4196, 0.3137
CMYK	0.16, 0.15, 0.00, 0.31
HSL	238°, 15%, 63%
HSV	238°, 16%, 69%
XYZ	30.3604, 30.4780, 44.8401
YIQ	150.7790, -9.2630, 8.1850

Conversions

Conversions Part 2

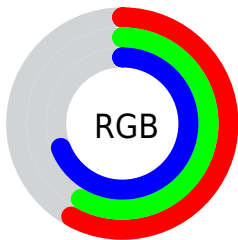
Format	Color
RYB	147, 148, 175
Decimal	9671855
CIELab	62.06, 5.31, -14.20
CIELCh	62, 15.163, 290.481
Yxy	30.4780, 0.2873, 0.2884
Android (android.graphics.Color)	4287861935 (0xFF9394AF)
YUV	150.7790, 11.9410, -3.3142
Hunter-Lab	55.2069, 1.5520, -9.5117

Details

The YUV color $150.7790, 11.9410, -3.3142$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $171.2210, -11.9410, 3.3142$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.0070, 12.8145, -3.5141$, and $99.6650, 11.5042, -3.2142$ is the 20% darker color. If you saturate the color by 10%, you get $135.7170, 19.3665, -5.0138$, and if you desaturate by 10%, it is $165.8410, 4.5154, -1.6146$.

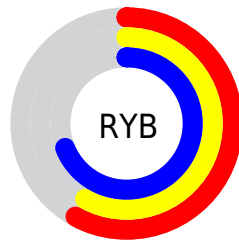
Distribution



Red (58%)

Green (58%)

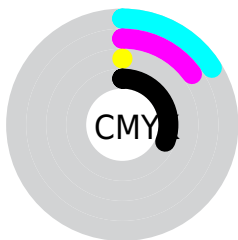
Blue (69%)



Red (58%)

Yellow (58%)

Blue (69%)

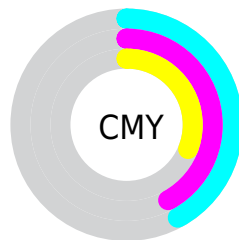


Cyan (16%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7790, 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 150.7790, 11.9410, -3.3142 by changing the saturation by 10% instead.

■ 150.7790, 11.9410,
-3.3142

■ 150.7790, 11.9410,
-3.3142

255.0000, 0.0000,
0.0000

■ 124.6650, 11.5042,
-3.2142

■ 205.0070, 12.8145,
-3.5141

■ 99.6650, 11.5042,
-3.2142

■ 232.5510, 11.0674,
-3.1142

■ 76.1380, 10.7780,
-3.6290

■ 53.0240, 10.3412,
-3.5290

■ 31.4970, 9.6150,
-3.9439

■ 7.8500, 10.9200,
-2.4994

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 150.7790, 11.9410,
-3.3142

■ 150.7790, 11.9410,
-3.3142

■ 135.7170, 19.3665,
-5.0138

■ 165.8410, 4.5154,
-1.6146

■ 120.3560, 26.9395,
-7.3282

■ 181.2020, -3.0576,
0.6998

■ 104.9950, 34.5125,
-9.6426

■ 196.2640,
-10.4832, 2.3995

■ 90.5200, 41.6486,
-11.8570

■ 211.0380,
-17.7667, 5.2287

■ 75.1590, 49.2216,
-14.1714

■ 226.3990,
-25.3397, 7.5431

■ 60.0970, 56.6472,
-15.8711

■ 241.4610,
-32.7653, 9.2427

■ 45.0350, 64.0727,
-17.5707

■ 245.8800,
-34.9438, 7.9982

■ 29.6740, 71.6457,
-19.8851

■ 23.4720, 74.7033,
-20.5849

Harmonies

Analogous

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



148.1580, 13.7261, -15.9246



150.7790, 11.9410, -3.3142



152.3030, 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.



150.7790, 11.9410, -3.3142



151.0860, -10.3954, 20.9726



145.7540, -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.



150.7790, 11.9410, -3.3142



171.2210, -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.



147.0990, -6.9508, -10.6108



150.7790, 11.9410, -3.3142



150.3470, -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.



150.7790, 11.9410, -3.3142



152.0630, -5.4541, 22.7467



148.6230, -11.6461, 2.0846



145.2570, 6.7753, -26.5354

Rectangle

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



150.7790, 11.9410, -3.3142



152.9080, 3.0034, 16.7437



148.6230, -11.6461, 2.0846



145.9070, -2.4192, -17.4584

Sweetspot

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



150.7790, 11.9410, -3.3142



217.2540, 4.8048, -1.0998



166.5140, 3.6906, -17.1138



108.7980, 3.0576, -0.6998



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



150.7790, 11.9410, -3.3142



189.4890, 18.4929, -4.8139



154.0790, 10.3141, 5.1927



79.0260, 3.9312, -0.8998



20.0350, 64.0727, -17.5707



3.2090, 9.7570, -2.8143

Inverse Universe

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



155.4860, -3.6906, 17.1138



196.9710, -5.9017, 26.3354



167.9210, -10.3141, -5.1927



80.6910, -1.3267, 5.5330



45.4200, -19.9271, 91.7167



6.9910, -2.9536, 14.0399

Previews

White Background



This preview shows how the YUV color 150.7790, 11.9410, -3.3142 looks on a white background.

Color Contrast Check

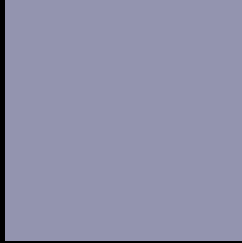
Large Text (above 18pt) WCAG AA × Fail

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 150.7790, 11.9410, -3.3142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

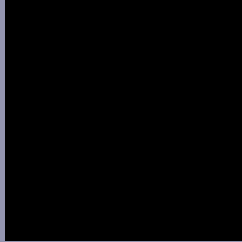
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.7790, 11.9410, -3.3142

Background



This preview shows how black text looks on a background with the YUV color 150.7790, 11.9410, -3.3142.



This preview shows how white text looks on a background with the YUV color 150.7790, 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

150.7790, 11.9410, -3.3142

Protanopia

150.7680, 11.9464, -5.0585

Deuteranopia

151.1000, 11.7827, 0.7893



Tritanopia

149.8730, 5.9786, -4.2736

Trichromacy



Original Color

150.7790, 11.9410, -3.3142

Protanomaly

151.0670, 11.7990, -4.4438

Deuteranomaly

151.0890, 11.7881, -0.9551

Tritanomaly

150.1550, 8.3046, -3.6439

Monochromacy



Original Color

150.7790, 11.9410, -3.3142

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1400, 4.3680, -0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7790, 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(147, 148, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 148, 175)  
}
```

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(147, 148, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 148, 175) }
```

Border

The CSS property to change the border of an element to YUV 150.7790, 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(147, 148, 175) }
```


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

```
.border{ border-color:rgb(147, 148, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 148, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 148, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 148, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 148,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 150.7790, 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(147, 148, 175) }
```

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

```
.background{ background-color: rgb(147,  
148, 175) }
```

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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