

Converting Colors

YUV(158.1480, 15.7030, 3.3782)

Have a look what the booklet for
YUV(158.1480, 15.7030, 3.3782)
contains.

YUV(158.1480, 15.7030, 3.3782)	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(158.1480, 15.7030,
3.3782)**

Conversions

Conversions Part 1

Format	Color
Hex	A296BE
RGB	162, 150, 190
RGB Percent	64%, 59%, 75%
CMY	0.3647, 0.4118, 0.2549
CMYK	0.15, 0.21, 0.00, 0.25
HSL	258°, 24%, 67%
HSV	258°, 21%, 75%
XYZ	35.1009, 33.2118, 53.2757
YIQ	158.1480, -5.6880, 14.9840

Conversions

Conversions Part 2

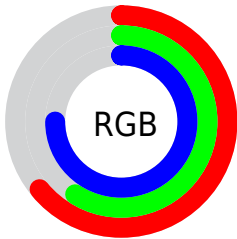
Format	Color
RYB	162, 150, 190
Decimal	10655422
CIELab	64.33, 12.47, -19.10
CIElCh	64, 22.805, 303.141
Yxy	33.2118, 0.2887, 0.2731
Android (android.graphics.Color)	4288845502 (0xFFA296BE)
YUV	158.1480, 15.7030, 3.3782
Hunter-Lab	57.6297, 7.8683, -14.4698

Details

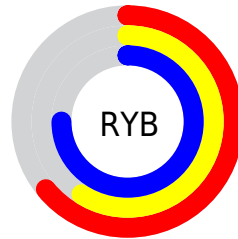
The YUV color **158.1480, 15.7030, 3.3782** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **181.8520, -15.7030, -3.3782**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6750, 16.4292, 3.7930**, and **106.6210, 14.9768, 2.9634** is the 20% darker color. If you saturate the color by 10%, you get **143.1080, 23.1178, 5.1673**, and if you desaturate by 10%, it is **173.1880, 8.2883, 1.5891**.

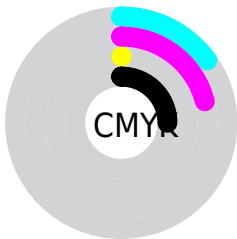
Distribution



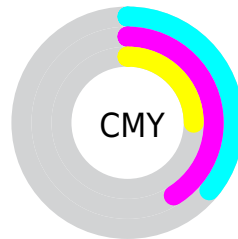
- Red (64%)
- Green (59%)
- Blue (75%)



- Red (64%)
- Yellow (59%)
- Blue (75%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (41%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1480, 15.7030, 3.3782 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 158.1480, 15.7030, 3.3782 by changing the saturation by 10% instead.

■ 158.1480, 15.7030,
3.3782

■ 158.1480, 15.7030,
3.3782

■ 255.0000, 0.0000,
0.0000

■ 132.0340, 15.2662,
3.4782

■ 212.6750, 16.4292,
3.7930

■ 106.6210, 14.9768,
2.9634

■ 238.8080, 7.9827,
6.3074

■ 82.0940, 14.2507,
2.5486

■ 59.5670, 13.5245,
2.1337

■ 37.0400, 12.7983,
1.7189

■ 15.0510, 12.7929,
3.4633

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 158.1480, 15.7030,
3.3782

■ 158.1480, 15.7030,
3.3782

■ 143.1080, 23.1178,
5.1673

■ 173.1880, 8.2883,
1.5891

■ 127.7690, 30.6799,
6.3416

■ 188.5270, 0.7262,
0.4148

■ 112.7290, 38.0946,
8.1307

■ 203.5670, -6.6885,
-1.3743

■ 97.6890, 45.5093,
9.9197

■ 218.6070,
-14.1033, -3.1633

■ 82.3500, 53.0714,
11.0941

■ 233.9460,
-21.6654, -4.3376

■ 67.3100, 60.4862,
12.8831

■ 243.7030,
-26.4756, -1.4935

■ 52.2700, 67.9009,
14.6722

■ 247.5900,
-28.3919, 6.4986

■ 38.7030, 74.5894,
16.0465

Harmonies

Analogous

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



154.5690, 20.4255, -18.0390



158.1480, 15.7030, 3.3782



159.4940, 7.6445, 21.4918

Triad

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



158.1480, 15.7030, 3.3782



156.4690, -17.9792, 26.7757



147.6100, 4.6293, -38.2460

Complementary

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



158.1480, 15.7030, 3.3782



181.8520, -15.7030, -3.3782

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.



149.8370, -6.3286, -23.5360



158.1480, 15.7030, 3.3782



154.6260, -19.5356, 12.6060

Square

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



158.1480, 15.7030, 3.3782



158.2340, -11.4544, 33.9978



152.3680, -14.9714, -4.7077



147.2100, 14.6865, -44.0342

Rectangle

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



158.1480, 15.7030, 3.3782



159.4150, 0.7814, 29.4540



152.3680, -14.9714, -4.7077



148.0190, 0.9766, -33.3427

Sweetspot

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



158.1480, 15.7030, 3.3782



235.7920, 5.5255, 1.0594



170.9960, 9.3690, -18.4135



117.9230, 3.4890, 0.9445



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.1480, 15.7030, 3.3782



198.3360, 23.9914, 4.9673



164.1280, 12.7549, 15.6737



86.9230, 3.4890, 0.9445



32.0650, 62.0860, 13.0980



6.2250, 12.2141, 2.4337

Inverse Universe

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



165.1520, 6.3341, 21.7917



209.1410, 9.7905, 33.2023



175.8720, -12.7549, -15.6737



88.4890, 1.7309, 4.8331



59.8960, 25.1943, 86.0372



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 158.1480, 15.7030, 3.3782 looks on a white background.

Color Contrast Check

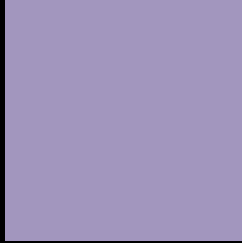
Large Text (above 18pt) WCAG AA × Fail

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 158.1480, 15.7030, 3.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

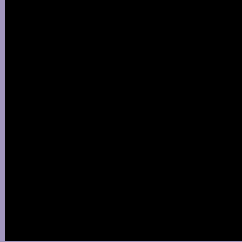
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1480, 15.7030, 3.3782

Background



This preview shows how black text looks on a background with the YUV color 158.1480, 15.7030, 3.3782.



This preview shows how white text looks on a background with the YUV color 158.1480, 15.7030,

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

158.1480, 15.7030, 3.3782

Protanopia

156.3530, 18.0670, -8.2026

Deuteranopia

157.4030, 15.5773, -2.9844



Tritanopia

156.5640, 4.6519, 1.2594

Trichromacy



Original Color

158.1480, 15.7030, 3.3782

Protanomaly

157.1470, 17.1825, -4.5139

Deuteranomaly

157.7130, 15.4245, -0.6253

Tritanomaly

157.3020, 8.7251, 1.4891

Monochromacy



Original Color

158.1480, 15.7030, 3.3782

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1480, 15.7030, 3.3782 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(162, 150, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 150, 190)  
}
```

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(162, 150, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 150, 190) }
```

Border

The CSS property to change the border of an element to YUV 158.1480, 15.7030, 3.3782 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(162, 150, 190) }
```


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

```
.border{ border-color:rgb(162, 150, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 150, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 150, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 150, 190); box-shadow:4px 4px 4px 4px rgb(162, 150, 190) }
```

Background

The CSS property to change the background color of an element to YUV 158.1480, 15.7030, 3.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 150, 190) }
```

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

```
.background{ background-color: rgb(162,  
150, 190) }
```

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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