

Converting Colors

YUV(148.5950, 11.0457, 3.8632)

Have a look what the booklet for
YUV(148.5950, 11.0457, 3.8632)
contains.

YUV(148.5950, 11.0457, 3.8632)	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(148.5950, 11.0457,
3.8632)**

Conversions

Conversions Part 1

Format	Color
Hex	998EAB
RGB	153, 142, 171
RGB Percent	60%, 56%, 67%
CMY	0.4000, 0.4431, 0.3294
CMYK	0.11, 0.17, 0.00, 0.33
HSL	263°, 15%, 61%
HSV	263°, 17%, 67%
XYZ	30.1606, 29.0586, 42.5473
YIQ	148.5950, -2.7530, 11.3510

Conversions

Conversions Part 2

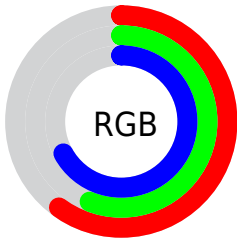
Format	Color
R_{YB}	153, 142, 171
Decimal	10063531
CIE Lab	60.83, 9.86, -13.75
CIE LCh	61, 16.918, 305.652
Yxy	29.0586, 0.2964, 0.2855
Android (android.graphics.Color)	4288253611 (0xFF998EAB)
YUV	148.5950, 11.0457, 3.8632
Hunter-Lab	53.9060, 5.5357, -9.0626

Details

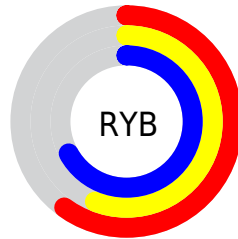
The YUV color $148.5950, 11.0457, 3.8632$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $164.4050, -11.0457, -3.8632$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $202.7090, 11.4825, 3.7632$, and $98.0680, 10.3195, 3.4484$ is the 20% darker color. If you saturate the color by 10%, you get $135.3270, 17.5868, 5.8522$, and if you desaturate by 10%, it is $161.8630, 4.5045, 1.8741$.

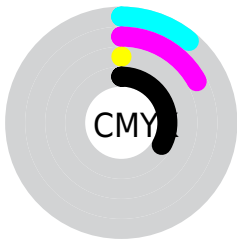
Distribution



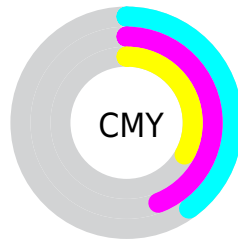
- Red (60%)
- Green (56%)
- Blue (67%)



- Red (60%)
- Yellow (56%)
- Blue (67%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.5950, 11.0457, 3.8632 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 148.5950, 11.0457, 3.8632 by changing the saturation by 10% instead.

■ 148.5950, 11.0457,
3.8632

■ 148.5950, 11.0457,
3.8632

■ 255.0000, 0.0000,
0.0000

■ 122.4810, 10.6089,
3.9632

■ 202.7090, 11.4825,
3.7632

■ 98.0680, 10.3195,
3.4484

■ 231.1220, 11.7719,
4.2780

■ 73.9540, 9.8827,
3.5483

■ 253.2390, 0.8682,
1.5444

■ 51.4270, 9.1565,
3.1335

■ 30.0140, 8.8671,
2.6187

■ 6.9650, 9.8773,
5.2927

■ 0.0000, 0.0000,

0.0000

■ 148.5950, 11.0457,
3.8632

■ 148.5950, 11.0457,
3.8632

■ 135.3270, 17.5868,
5.8522

■ 161.8630, 4.5045,
1.8741

■ 122.3580, 23.9805,
8.4560

■ 174.8320, -1.8892,
-0.7297

■ 109.0900, 30.5216,
10.4451

■ 188.1000, -8.4303,
-2.7187

■ 96.1210, 36.9153,
13.0489

■ 201.0690,
-14.8240, -5.3225

■ 82.8530, 43.4565,
15.0379

■ 214.3370,
-21.3651, -7.3115

■ 68.9980, 50.2870,
17.5418

■ 228.1920,
-28.1957, -9.8154

■ 56.0290, 56.6807,
20.1456

■ 237.0520,
-32.5636, -8.8156

■ 42.7610, 63.2218,
22.1346

■ 240.3410,
-34.1851, -2.0531

■ 38.9290, 65.1110,
22.8643

■ 243.6300,
-35.8066, 4.7095

Harmonies

Analogous

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



146.1200, 14.7308, -11.5062



148.5950, 11.0457, 3.8632



149.6630, 4.6031, 16.9585

Triad

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



148.5950, 11.0457, 3.8632



147.5650, -13.5895, 18.7985



140.8610, 4.0125, -27.0651

Complementary

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



148.5950, 11.0457, 3.8632



164.4050, -11.0457, -3.8632

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.



142.1520, -4.0189, -17.6733



148.5950, 11.0457, 3.8632



145.9720, -14.2832, 7.9176

Square

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



148.5950, 11.0457, 3.8632



148.7490, -9.2433, 24.7761



144.1060, -10.8983, -4.4780



141.6740, 11.0067, -30.4091

Rectangle

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



148.5950, 11.0457, 3.8632



149.2570, 0.3663, 22.5766



144.1060, -10.8983, -4.4780



141.1880, 1.3863, -24.7209

Sweetspot

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



148.5950, 11.0457, 3.8632



213.4500, 4.2152, 1.3594



155.8720, 7.4581, -12.1657



106.6950, 2.6154, 1.1445



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



148.5950, 11.0457, 3.8632



187.2130, 17.1500, 5.9522



152.7810, 8.9820, 12.4701



79.9230, 3.4890, 0.9445



34.1430, 57.1175, 20.0456



5.3130, 8.7197, 3.2335

Inverse Universe

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



152.7230, 3.5876, 16.0289



193.6470, 5.5970, 24.8656



160.2190, -8.9820, -12.4701



81.2610, 0.8573, 5.0331



55.4520, 18.5112, 82.9186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 148.5950, 11.0457, 3.8632 looks on a white background.

Color Contrast Check

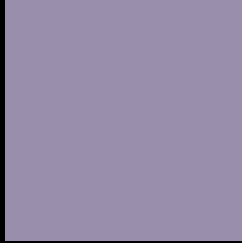
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5950, 11.0457, 3.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

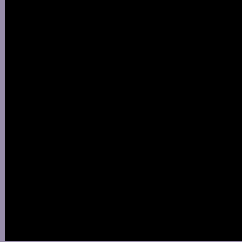
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.5950, 11.0457, 3.8632

Background



This preview shows how black text looks on a background with the YUV color 148.5950, 11.0457, 3.8632.



This preview shows how white text looks on a background with the YUV color 148.5950, 11.0457,

3.8632.

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

148.5950, 11.0457, 3.8632

Protanopia

147.5830, 12.5306, -5.7733

Deuteranopia

148.2850, 11.1985, 1.5041



Tritanopia

148.0480, 3.9203, 2.5889

Trichromacy



Original Color

148.5950, 11.0457, 3.8632

Protanomaly

148.0780, 11.7935, -2.6994

Deuteranomaly

148.5840, 11.0511, 2.1188

Tritanomaly

148.3300, 6.2463, 3.2186

Monochromacy



Original Color

148.5950, 11.0457, 3.8632

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.4500, 4.2152, 1.3594

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.5950, 11.0457, 3.8632 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(153, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 171)  
}
```

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(153, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 171) }
```

Border

The CSS property to change the border of an element to YUV 148.5950, 11.0457, 3.8632 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(153, 142, 171) }
```


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

```
.border{ border-color:rgb(153, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 148.5950, 11.0457, 3.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 171) }
```

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

```
.background{ background-color: rgb(153,  
142, 171) }
```

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