

Converting Colors

YUV(99.8110, 33.6172, -2.4652)

Have a look what the booklet for
YUV(99.8110, 33.6172, -2.4652)
contains.

YUV(99.8110, 33.6172, -2.4652)	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(99.8110, 33.6172,
-2.4652)**

Conversions

Conversions Part 1

Format	Color
Hex	6158A8
RGB	97, 88, 168
RGB Percent	38%, 35%, 66%
CMY	0.6196, 0.6549, 0.3412
CMYK	0.42, 0.48, 0.00, 0.34
HSL	247°, 31%, 50%
HSV	247°, 48%, 66%
XYZ	15.4874, 12.3480, 38.6129
YIQ	99.8110, -20.3160, 26.7880

Conversions

Conversions Part 2

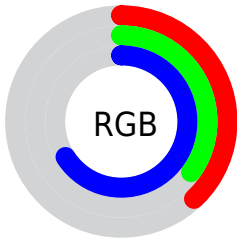
Format	Color
R_{YB}	97, 88, 168
Decimal	6379688
CIE _{Lab}	41.76, 24.11, -41.97
CIE _{LCh}	42, 48.406, 299.879
Yxy	12.3480, 0.2331, 0.1858
Android (android.graphics.Color)	4284569768 (0xFF6158A8)
YUV	99.8110, 33.6172, -2.4652
Hunter-Lab	35.1397, 17.1771, -40.5524

Details

The YUV color **99.8110, 33.6172, -2.4652** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **156.1890, -33.6172, 2.4652**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6910, 35.6483, -0.6060**, and **50.6210, 31.7388, -6.6836** is the 20% darker color. If you saturate the color by 10%, you get **85.3470, 40.7479, -2.9353**, and if you desaturate by 10%, it is **114.2750, 26.4864, -1.9952**.

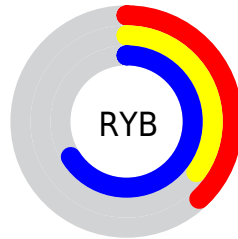
Distribution



Red (38%)

Green (35%)

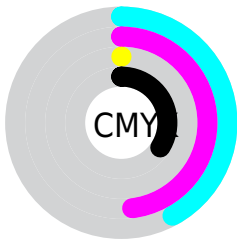
Blue (66%)



Red (38%)

Yellow (35%)

Blue (66%)

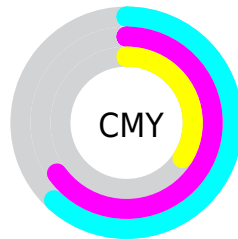


Cyan (42%)

Magenta (48%)

Yellow (0%)

Black (34%)



Cyan (62%)

Magenta (65%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.8110, 33.6172, -2.4652 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 99.8110, 33.6172, -2.4652 by changing the saturation by 10% instead.

■ 99.8110, 33.6172,
-2.4652

■ 99.8110, 33.6172,
-2.4652

■ 255.0000, 0.0000,
0.0000

■ 75.1590, 32.4596,
-4.5244

■ 151.6910, 35.6483,
-0.6060

■ 50.6210, 31.7388,
-6.6836

■ 178.6310, 36.6639,
0.3236

■ 26.1640, 31.4711,
-14.1758

■ 203.6670, 25.3072,
2.9230

■ 7.5240, 28.8287,
-6.5985

■ 228.1870, 13.2188,
6.8520

■ 6.6630, 17.9141,
-5.8435

■ 250.8910, 2.0257,
3.6036

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 99.8110, 33.6172,
-2.4652

■ 99.8110, 33.6172,
-2.4652

■ 85.3470, 40.7479,
-2.9353

■ 114.2750, 26.4864,
-1.9952

■ 70.8830, 47.8787,
-3.4054

■ 128.7390, 19.3557,
-1.5251

■ 57.0060, 54.7200,
-4.3903

■ 142.6160, 12.5143,
-0.5402

■ 42.5420, 61.8508,
-4.8603

■ 157.0800, 5.3836,
-0.0702

■ 28.0780, 68.9815,
-5.3304

■ 171.5440, -1.7472,
0.3999

■ 24.8330, 70.5813,
-5.1155

■ 185.7090, -8.7305,
0.2552

■ 200.1730,
-15.8613, 0.7253

■ 214.0500,
-22.7027, 1.7101

■ 228.5140,
-29.8334, 2.1802

Harmonies

Analogous

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



80.7530, 47.9428, -70.8204



99.8110, 33.6172, -2.4652



100.5900, 18.9361, 39.8246

Triad

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



99.8110, 33.6172, -2.4652



95.1760, -33.6108, 47.2036



79.7370, 8.5107, -69.9293

Complementary

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



99.8110, 33.6172, -2.4652



156.1890, -33.6172, 2.4652

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.



73.3020, -8.5299, -64.2859



99.8110, 33.6172, -2.4652



92.4490, -44.5914, 22.4082

Square

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



99.8110, 33.6172, -2.4652



95.0420, -16.7827, 63.1072



89.2970, -34.1634, -9.0305



84.2970, 25.9826, -73.9285

Rectangle

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



99.8110, 33.6172, -2.4652



97.5400, 8.1148, 57.4084



89.2970, -34.1634, -9.0305



77.5540, 2.6849, -68.0149

Sweetspot

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



99.8110, 33.6172, -2.4652



193.3170, 12.6617, -1.1550



139.3840, 14.1077, -45.0638



93.7640, 8.0043, -0.6700



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



99.8110, 33.6172, -2.4652



112.4360, 52.5361, -3.8904



111.4720, 27.8683, 21.5111



77.2110, 3.3470, -0.1850



21.9550, 62.1402, -4.3455



2.8780, 8.4411, -0.7700

Inverse Universe

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



120.0140, 19.2201, 42.0837



144.0290, 30.0587, 65.7496



144.5280, -27.8683, -21.5111



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 99.8110, 33.6172, -2.4652 looks on a white 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

Black Background



This preview shows how the YUV color 99.8110, 33.6172, -2.4652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

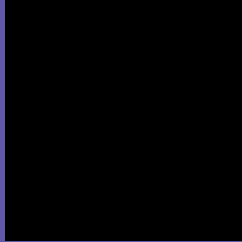
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.8110, 33.6172, -2.4652

Background



This preview shows how black text looks on a background with the YUV color 99.8110, 33.6172, -2.4652.



This preview shows how white text looks on a background with the YUV color 99.8110, 33.6172,

-2.4652.

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

99.8110, 33.6172, -2.4652

Protanopia

94.6550, 40.1031, -29.5154

Deuteranopia

92.4710, 35.7568, -35.4931



Tritanopia

96.9320, 6.4425, -13.0954

Trichromacy



Original Color

99.8110, 33.6172, -2.4652

Protanomaly

96.4390, 37.7446, -19.6790

Deuteranomaly

95.0210, 34.9926, -23.6974

Tritanomaly

97.8860, 16.3252, -9.5470

Monochromacy



Original Color

99.8110, 33.6172, -2.4652

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.2030, 12.2249, -1.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.8110, 33.6172, -2.4652 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(97, 88, 168)` looks like.

```
.text, #text, p{  
    color:rgb(97, 88, 168)  
}
```

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(97, 88, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 88, 168) }
```

Border

The CSS property to change the border of an element to YUV 99.8110, 33.6172, -2.4652 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(97, 88, 168) }
```


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

```
.border{ border-color:rgb(97, 88, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 88, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 88, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 88, 168);  
box-shadow:4px 4px 4px 4px rgb(97, 88,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 99.8110, 33.6172, -2.4652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 88, 168) }
```

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

```
.background{ background-color: rgb(97, 88,  
168) }
```

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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