

Converting Colors

YUV(113.9900, 48.3189,
-98.2152)

Have a look what the booklet for
YUV(113.9900, 48.3189, -98.2152)
contains.

YUV(113.9900, 48.3189, -98.2152)	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(113.9900, 48.3189,
-98.2152)**

Conversions

Conversions Part 1

Format	Color
Hex	0298D4
RGB	2, 152, 212
RGB Percent	1%, 60%, 83%
CMY	0.9922, 0.4039, 0.1686
CMYK	0.99, 0.28, 0.00, 0.17
HSL	197°, 98%, 42%
HSV	197°, 99%, 83%
XYZ	23.1369, 27.2228, 66.3224
YIQ	113.9900, -108.6600, -13.1400

Conversions

Conversions Part 2

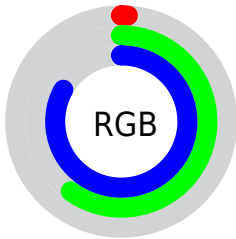
Format	Color
R _Y B	2, 90, 212
Decimal	170196
CIE Lab	59.18, -11.86, -39.92
CIE LCh	59, 41.640, 253.456
Yxy	27.2228, 0.1983, 0.2333
Android (android.graphics.Color)	4278360276 (0xFF0298D4)
YUV	113.9900, 48.3189, -98.2152
Hunter-Lab	52.1755, -12.1523, -38.8431

Details

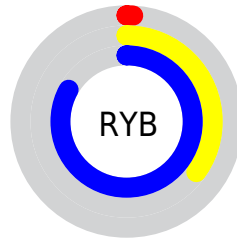
The YUV color **113.9900, 48.3189, -98.2152** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **100.0100, -48.3189, 98.2152**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4900, 36.7334, -68.8357**, and **77.1850, 39.3488, -67.6912** is the 20% darker color. If you saturate the color by 10%, you get **112.8050, 48.9031, -98.9300**, and if you desaturate by 10%, it is **123.7910, 43.4870, -88.3937**.

Distribution



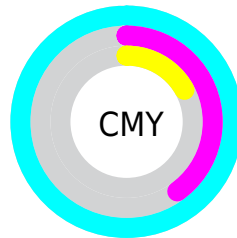
- Red (1%)
- Green (60%)
- Blue (83%)



- Red (1%)
- Yellow (35%)
- Blue (83%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)



- Cyan (99%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9900, 48.3189, -98.2152 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 113.9900, 48.3189, -98.2152 by changing the saturation by 10% instead.

■ 113.9900, 48.3189,
-98.2152

■ 113.9900, 48.3189,
-98.2152

■ 255.0000, 0.0000,
0.0000

■ 94.9380, 43.9076,
-83.2606

■ 180.4900, 36.7334,
-68.8357

■ 77.1850, 39.3488,
-67.6912

■ 206.4940, 23.9135,
-63.5772

■ 60.1330, 34.9374,
-52.7366

■ 228.3890, 13.1192,
-54.7152

■ 44.2550, 29.9473,
-38.8116

■ 237.3590, 8.6970,
-36.2718

■ 29.1920, 25.5413,
-25.6014

■ 246.6280, 4.1274,
-17.2138

■ 9.4330, 23.4505,
-8.2727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 113.9900, 48.3189,
-98.2152

■ 113.9900, 48.3189,
-98.2152

■ 112.8050, 48.9031,
-98.9300

■ 123.7910, 43.4870,
-88.3937

■ 133.5920, 38.6551,
-78.5722

■ 143.6920, 33.6758,
-68.1359

■ 153.4930, 28.8440,
-58.3144

■ 163.2940, 24.0121,
-48.4928

■ 173.0950, 19.1802,
-38.6713

■ 182.8960, 14.3483,
-28.8498

■ 192.9960, 9.3690,
-18.4135

■ 203.3840, 4.2477,
-9.1068

Harmonies

Analogous

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



115.2210, 37.8520, -101.0488



113.9900, 48.3189, -98.2152



140.5370, 35.7243, -25.0269

Triad

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



113.9900, 48.3189, -98.2152



143.6100, -8.1887, 59.9780



133.3090, -22.3373, -22.1960

Complementary

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



113.9900, 48.3189, -98.2152



100.0100, -48.3189, 98.2152

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.



138.1190, -34.0757, 9.5426



113.9900, 48.3189, -98.2152



142.4510, -23.8863, 54.8555

Square

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



113.9900, 48.3189, -98.2152



146.0010, 8.8735, 47.3571



140.6970, -33.8676, 36.2227



123.4470, -1.6994, -61.7820

Rectangle

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



113.9900, 48.3189, -98.2152



145.3020, 28.9381, 4.9971



140.6970, -33.8676, 36.2227



134.7080, -27.4640, -11.1449

Sweetspot

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



113.9900, 48.3189, -98.2152



219.3620, 17.5695, -35.3975



131.9960, -35.0010, -114.0065



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



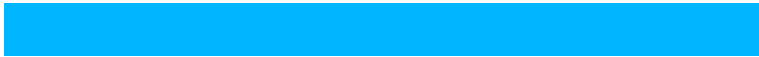
128.0000, 0.0000, 0.0000

Same Dimension

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



113.9900, 48.3189, -98.2152



135.9040, 58.7143, -119.1878



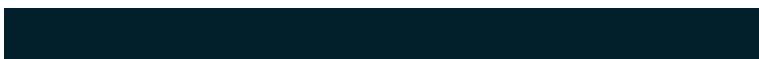
52.9420, 78.4156, -44.6761



101.9500, 2.4897, -5.2181



91.1080, 39.3868, -79.9017



23.0990, 9.8112, -20.2578

Inverse Universe

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



81.8900, 34.5642, 114.1065



96.9930, 41.9085, 138.5721



161.6450, -78.7050, 44.1613



100.2010, 1.8729, 5.9627



65.0370, 28.0828, 92.9296



16.3910, 7.2022, 23.3361

Previews

White Background



This preview shows how the YUV color 113.9900, 48.3189, -98.2152 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 113.9900, 48.3189, -98.2152 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 113.9900, 48.3189, -98.2152 Background



This preview shows how black text looks on a background with the YUV color 113.9900, 48.3189, -98.2152.

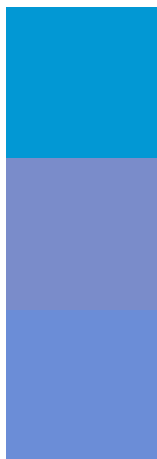


This preview shows how white text looks on a background with the YUV color 113.9900, 48.3189,

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

113.9900, 48.3189, -98.2152

Protanopia

141.6860, 29.7348, -17.2646

Deuteranopia

139.2700, 37.3349, -28.3008



Tritanopia

112.0120, 28.0951, -98.2345

Trichromacy



Original Color

113.9900, 48.3189, -98.2152

Protanomaly

131.3340, 36.8103, -46.7739

Deuteranomaly

130.1420, 41.3420, -53.6215

Tritanomaly

112.9610, 35.5152, -98.1898

Monochromacy



Original Color

113.9900, 48.3189, -98.2152

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0630, 17.7169, -36.0123

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9900, 48.3189, -98.2152 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(2, 152, 212)` looks like.

```
.text, #text, p{  
  color:rgb(2, 152, 212)  
}
```

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(2, 152, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 152, 212) }
```

Border

The CSS property to change the border of an element to YUV 113.9900, 48.3189, -98.2152 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(2, 152, 212) }
```


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

```
.border{ border-color:rgb(2, 152, 212) }
```

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

Here you see how a box with a 4 pixel rgb(2, 152, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 152, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 152, 212);  
box-shadow:4px 4px 4px 4px rgb(2, 152,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 113.9900, 48.3189, -98.2152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 152, 212) }
```

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

```
.background{ background-color: rgb(2, 152,  
212) }
```

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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