

Converting Colors

YUV(114.0290, 25.6217,
-98.2494)

Have a look what the booklet for
YUV(114.0290, 25.6217, -98.2494)
contains.

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Color

**YUV(114.0290, 25.6217,
-98.2494)**

Conversions

Conversions Part 1

Format	Color
Hex	02A1A6
RGB	2, 161, 166
RGB Percent	1%, 63%, 65%
CMY	0.9922, 0.3686, 0.3490
CMYK	0.99, 0.03, 0.00, 0.35
HSL	182°, 98%, 33%
HSV	182°, 99%, 65%
XYZ	19.6528, 28.2558, 40.4945
YIQ	114.0290, -96.3690, -32.1530

Conversions

Conversions Part 2

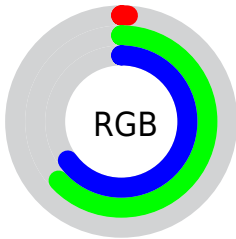
Format	Color
RYB	2, 83, 166
Decimal	172454
CIELab	60.12, -32.44, -12.59
CIELCh	60, 34.792, 201.210
Yxy	28.2558, 0.2223, 0.3196
Android (android.graphics.Color)	4278362534 (0xFF02A1A6)
YUV	114.0290, 25.6217, -98.2494
Hunter-Lab	53.1562, -27.0286, -7.9579

Details

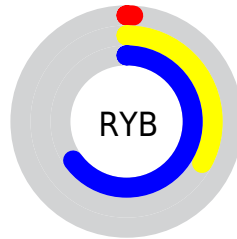
The YUV color **114.0290, 25.6217, -98.2494** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.9710, -25.6217, 98.2494**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.0920, 20.1676, -75.5027**, and **76.9790, 18.2514, -67.5106** is the 20% darker color. If you saturate the color by 10%, you get **113.4310, 25.9165, -99.4790**, and if you desaturate by 10%, it is **119.6990, 22.8264, -88.3130**.

Distribution



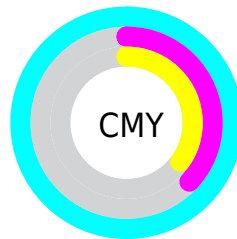
- Red (1%)
- Green (63%)
- Blue (65%)



- Red (1%)
- Yellow (33%)
- Blue (65%)



- Cyan (99%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (99%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.0290, 25.6217, -98.2494 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 114.0290, 25.6217, -98.2494 by changing the saturation by 10% instead.

■ 114.0290, 25.6217,
-98.2494

■ 114.0290, 25.6217,
-98.2494

■ 255.0000, 0.0000,
0.0000

■ 94.6180, 22.3733,
-82.9800

■ 180.0920, 20.1676,
-75.5027

■ 76.9790, 18.2514,
-67.5106

■ 209.9890, 19.7254,
-73.6584

■ 59.5680, 15.0030,
-52.2411

■ 225.3990, 14.5933,
-60.8629

■ 42.7440, 11.4652,
-37.4865

■ 234.3690, 10.1711,
-42.4196

■ 27.9090, 7.9329,
-24.4762

■ 243.3390, 5.7489,
-23.9763

■ 4.0240, 10.3412,
-3.5290

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 114.0290, 25.6217,
-98.2494

■ 114.0290, 25.6217,
-98.2494

■ 113.4310, 25.9165,
-99.4790

■ 119.6990, 22.8264,
-88.3130

■ 124.4830, 20.4679,
-78.4766

■ 130.1530, 17.6726,
-68.5402

■ 134.9370, 15.3141,
-58.7037

■ 140.6070, 12.5187,
-48.7673

■ 145.6900, 10.0128,
-38.3161

■ 151.0610, 7.3649,
-28.9945

■ 156.1440, 4.8590,
-18.5433

■ 161.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



129.6310, 2.6469, -55.8044



114.0290, 25.6217, -98.2494



118.8200, 36.0777, -91.9271

Triad

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



114.0290, 25.6217, -98.2494



149.0240, 17.2432, 22.7810



143.4830, -29.3251, 25.8864

Complementary

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



114.0290, 25.6217, -98.2494



53.9710, -25.6217, 98.2494

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.



145.2000, -23.2696, 43.6746



114.0290, 25.6217, -98.2494



148.4860, 3.2114, 43.4238

Square

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



114.0290, 25.6217, -98.2494



145.5730, 27.8185, -9.2725



146.7460, -11.2138, 50.2118



140.7250, -26.4864, 1.9952

Rectangle

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



114.0290, 25.6217, -98.2494



131.6760, 34.6697, -60.2289



146.7460, -11.2138, 50.2118



143.8690, -28.0364, 32.5639

Sweetspot

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



114.0290, 25.6217, -98.2494



196.3910, 10.1602, -38.9309



98.6100, -46.1497, -84.7270



96.8660, 6.4751, -23.5615



237.0000, 0.0000, 0.0000



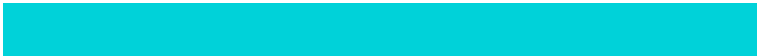
110.0000, 0.0000, 0.0000

Same Dimension

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



114.0290, 25.6217, -98.2494



148.0080, 34.0131, -129.8030



67.0690, 48.7730, -57.0655



81.6080, 1.1793, -4.9182



100.8130, 23.2632, -88.4130



14.0200, 2.9481, -12.2955

Inverse Universe

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



69.1620, 45.2761, 84.9269



88.8230, 59.7403, 112.4112



100.9310, -48.7730, 57.0655



79.3040, 2.3151, 4.1184



60.5540, 40.6459, 76.6901



8.2600, 5.7878, 10.2960

Previews

White Background



This preview shows how the YUV color 114.0290, 25.6217, -98.2494 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 114.0290, 25.6217, -98.2494 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

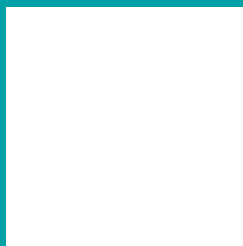
Any Text WCAG AAA × Fail

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

YUV 114.0290, 25.6217, -98.2494 Background



This preview shows how black text looks on a background with the YUV color 114.0290, 25.6217, -98.2494.



This preview shows how white text looks on a background with the YUV color 114.0290, 25.6217, -98.2494.

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

114.0290, 25.6217, -98.2494

Protanopia

144.3680, 5.2416, -1.1997

Deuteranopia

145.6160, 12.5143, -0.5402



Tritanopia

120.8180, 25.7257, -84.9094

Trichromacy



Original Color

114.0290, 25.6217, -98.2494

Protanomaly

133.6840, 12.4808, -36.5569

Deuteranomaly

133.9490, 17.2801, -35.9123

Tritanomaly

118.0840, 25.5946, -89.5277

Monochromacy



Original Color

114.0290, 25.6217, -98.2494

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8860, 9.4232, -35.8570

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0290, 25.6217, -98.2494 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, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(2, 161, 166)  
}
```

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, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 161, 166) }
```

Border

The CSS property to change the border of an element to YUV 114.0290, 25.6217, -98.2494 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, 161, 166) }
```


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

```
.border{ border-color:rgb(2, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(2, 161,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 114.0290, 25.6217, -98.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 161, 166) }
```

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

```
.background{ background-color: rgb(2, 161,  
166) }
```

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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