

Converting Colors

YUV(117.3720, 25.4526,
-90.6572)

Have a look what the booklet for
YUV(117.3720, 25.4526, -90.6572)
contains.

YUV(117.3720, 25.4526, -90.6572)	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(117.3720, 25.4526,
-90.6572)**

Conversions

Conversions Part 1

Format	Color
Hex	0EA0A9
RGB	14, 160, 169
RGB Percent	5%, 63%, 66%
CMY	0.9451, 0.3725, 0.3373
CMYK	0.92, 0.05, 0.00, 0.34
HSL	183°, 85%, 36%
HSV	183°, 92%, 66%
XYZ	19.9133, 28.0995, 41.9103
YIQ	117.3720, -89.9050, -28.1530

Conversions

Conversions Part 2

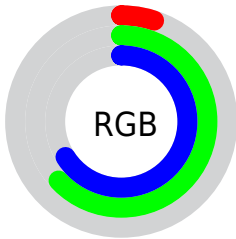
Format	Color
R_{YB}	14, 89, 169
Decimal	958633
CIE _{Lab}	59.98, -30.53, -14.49
CIE _{LCh}	60, 33.792, 205.386
Yxy	28.0995, 0.2214, 0.3125
Android (android.graphics.Color)	4279148713 (0xFF0EA0A9)
YUV	117.3720, 25.4526, -90.6572
Hunter-Lab	53.0090, -25.7105, -9.7699

Details

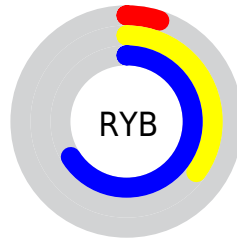
The YUV color **117.3720, 25.4526, -90.6572** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **65.6280, -25.4526, 90.6572**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7440, 21.3252, -73.4435**, and **76.7340, 19.8511, -67.2957** is the 20% darker color. If you saturate the color by 10%, you get **112.5990, 27.8057, -98.7493**, and if you desaturate by 10%, it is **123.0420, 22.6573, -80.7208**.

Distribution



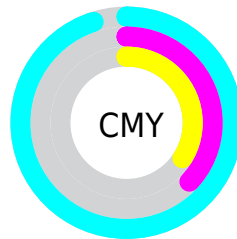
- Red (5%)
- Green (63%)
- Blue (66%)



- Red (5%)
- Yellow (35%)
- Blue (66%)



- Cyan (92%)
- Magenta (5%)
- Yellow (0%)
- Black (34%)



- Cyan (95%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3720, 25.4526, -90.6572 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 117.3720, 25.4526, -90.6572 by changing the saturation by 10% instead.

■ 117.3720, 25.4526,
-90.6572

■ 117.3720, 25.4526,
-90.6572

■ 255.0000, 0.0000,
0.0000

■ 94.9600, 23.6837,
-83.2799

■ 180.7440, 21.3252,
-73.4435

■ 76.7340, 19.8511,
-67.2957

■ 210.3420, 21.0304,
-72.2139

■ 59.2090, 16.1660,
-51.9263

■ 225.9970, 14.2985,
-59.6334

■ 42.4990, 13.0650,
-37.2716

■ 234.9670, 9.8763,
-41.1901

■ 27.5500, 9.0959,
-24.1613

■ 243.9370, 5.4541,
-22.7467

■ 3.6650, 11.5042,
-3.2142

■ 253.2060, 0.8844,

■ 0.0000, 0.0000,

-3.6887

0.0000

■ 117.3720, 25.4526,
-90.6572

■ 117.3720, 25.4526,
-90.6572

■ 112.5990, 27.8057,
-98.7493

■ 123.0420, 22.6573,
-80.7208

■ 128.7120, 19.8620,
-70.7844

■ 134.3820, 17.0667,
-60.8480

■ 140.0520, 14.2714,
-50.9116

■ 145.7220, 11.4761,
-40.9752

■ 151.0930, 8.8282,
-31.6536

■ 156.7630, 6.0328,
-21.7172

■ 162.4330, 3.2375,
-11.7807

■ 168.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



128.6030, 5.1257, -57.5338



117.3720, 25.4526, -90.6572



124.6370, 33.7030, -76.8576

Triad

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



117.3720, 25.4526, -90.6572



148.7640, 14.9063, 25.6400



142.6890, -28.4407, 22.1977

Complementary

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



117.3720, 25.4526, -90.6572



65.6280, -25.4526, 90.6572

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.



145.0640, -23.6956, 40.2859



117.3720, 25.4526, -90.6572



147.9160, 1.0274, 43.9237

Square

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



117.3720, 25.4526, -90.6572



146.3240, 25.4763, -4.6691



146.3930, -12.5187, 48.7673



139.5720, -24.4390, -1.3786

Rectangle

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



117.3720, 25.4526, -90.6572



134.6770, 33.1902, -52.3367



146.3930, -12.5187, 48.7673



143.8470, -28.0256, 29.0752

Sweetspot

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



117.3720, 25.4526, -90.6572



199.0000, 9.8600, -35.9570



105.8970, -41.3612, -80.5937



96.8770, 6.4696, -21.8171



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.



117.3720, 25.4526, -90.6572



146.4750, 35.7548, -128.4586



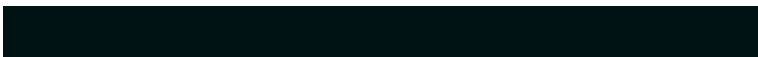
72.7600, 47.4463, -51.5325



81.6080, 1.1793, -4.9182



98.4650, 24.4208, -86.3538



13.4330, 3.2375, -11.7807

Inverse Universe

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



76.9890, 40.9244, 80.6936



89.0790, 58.1351, 113.9407



110.2400, -47.4463, 51.5325



79.3040, 2.3151, 4.1184



60.0980, 38.8987, 77.0901



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 117.3720, 25.4526, -90.6572 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 117.3720, 25.4526, -90.6572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

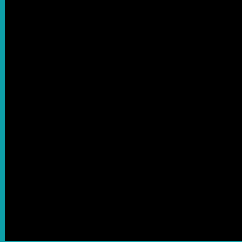
Any Text WCAG AA ✓ Pass

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 117.3720, 25.4526, -90.6572 Background



This preview shows how black text looks on a background with the YUV color 117.3720, 25.4526, -90.6572.

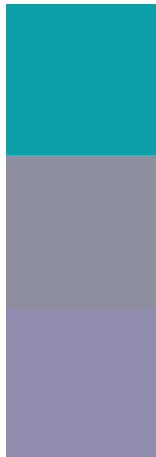


This preview shows how white text looks on a background with the YUV color 117.3720, 25.4526, -90.6572.

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

117.3720, 25.4526, -90.6572

Protanopia

144.4110, 6.6994, -2.1144

Deuteranopia

144.6590, 13.9721, -1.4549



Tritanopia

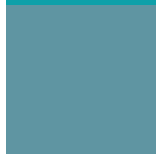
119.5190, 25.8731, -85.5242

Trichromacy



Original Color

117.3720, 25.4526, -90.6572



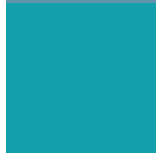
Protanomaly

134.3360, 13.6384, -34.4977



Deuteranomaly

134.6010, 18.4377, -33.8531



Tritanomaly

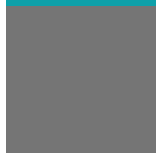
118.5080, 25.8786, -87.2685

Monochromacy



Original Color

117.3720, 25.4526, -90.6572



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.4950, 9.1230, -32.8831

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3720, 25.4526, -90.6572 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(14, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(14, 160, 169)  
}
```

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(14, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 160, 169) }
```

Border

The CSS property to change the border of an element to YUV 117.3720, 25.4526, -90.6572 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(14, 160, 169) }
```


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

```
.border{ border-color:rgb(14, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(14, 160,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 117.3720, 25.4526, -90.6572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 160, 169) }
```

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

```
.background{ background-color: rgb(14, 160,  
169) }
```

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