

Converting Colors

YUV(118.4170, 23.9514,
-75.7877)

Have a look what the booklet for
YUV(118.4170, 23.9514, -75.7877)
contains.

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Color

**YUV(118.4170, 23.9514,
-75.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	2099A7
RGB	32, 153, 167
RGB Percent	13%, 60%, 65%
CMY	0.8745, 0.4000, 0.3451
CMYK	0.81, 0.08, 0.00, 0.35
HSL	186°, 68%, 39%
HSV	186°, 81%, 65%
XYZ	18.9619, 25.8796, 40.5551
YIQ	118.4170, -76.6100, -21.2980

Conversions

Conversions Part 2

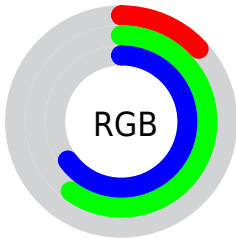
Format	Color
R_{YB}	32, 96, 167
Decimal	2136487
CIE _{Lab}	57.92, -26.47, -16.45
CIE _{LCh}	58, 31.166, 211.850
Yxy	25.8796, 0.2220, 0.3031
Android (android.graphics.Color)	4280326567 (0xFF2099A7)
YUV	118.4170, 23.9514, -75.7877
Hunter-Lab	50.8720, -22.4921, -11.6556

Details

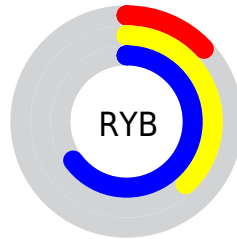
The YUV color **118.4170, 23.9514, -75.7877** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **80.5830, -23.9514, 75.7877**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9020, 21.7403, -66.5661**, and **72.3970, 21.0033, -63.4922** is the 20% darker color. If you saturate the color by 10%, you get **112.1600, 27.0361, -85.2093**, and if you desaturate by 10%, it is **124.6740, 20.8667, -66.3661**.

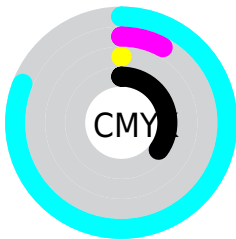
Distribution



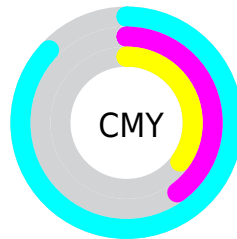
- Red (13%)
- Green (60%)
- Blue (65%)



- Red (13%)
- Yellow (38%)
- Blue (65%)



- Cyan (81%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4170, 23.9514, -75.7877 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 118.4170, 23.9514, -75.7877 by changing the saturation by 10% instead.

■ 118.4170, 23.9514,
-75.7877

■ 118.4170, 23.9514,
-75.7877

■ 255.0000, 0.0000,
0.0000

■ 90.6230, 24.8359,
-79.4764

■ 177.9020, 21.7403,
-66.5661

■ 72.3970, 21.0033,
-63.4922

■ 206.6140, 21.8823,
-65.4365

■ 55.4590, 17.0287,
-48.6375

■ 227.1930, 13.7089,
-57.1743

■ 39.3360, 13.6384,
-34.4977

■ 235.8640, 9.4340,
-39.3457

■ 25.0880, 9.8166,
-22.0022

■ 244.8340, 5.0118,
-20.9024

■ 3.4370, 10.6306,
-3.0142

■ 253.8040, 0.5896,

■ 0.0000, 0.0000,

-2.4591

0.0000

■ 118.4170, 23.9514,
-75.7877

■ 118.4170, 23.9514,
-75.7877

■ 112.1600, 27.0361,
-85.2093

■ 124.6740, 20.8667,
-66.3661

■ 107.0880, 29.5366,
-93.9162

■ 130.0450, 18.2188,
-57.0445

■ 136.3020, 15.1341,
-47.6229

■ 142.5590, 12.0494,
-38.2012

■ 148.5170, 9.1121,
-29.3944

■ 154.1870, 6.3168,
-19.4580

■ 160.4440, 3.2321,
-10.0364

■ 166.7010, 0.1474,
-0.6148

■ 172.6590, -2.7899,
8.1921

Harmonies

Analogous

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



123.9990, 7.8885, -57.0041



118.4170, 23.9514, -75.7877



125.8240, 30.1598, -60.3586

Triad

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



118.4170, 23.9514, -75.7877



142.7490, 10.9697, 28.2841



137.2260, -26.2404, 16.4648

Complementary

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



118.4170, 23.9514, -75.7877



80.5830, -23.9514, 75.7877

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.



139.4330, -23.3845, 33.8233



118.4170, 23.9514, -75.7877



142.2210, -1.5880, 42.7792

Square

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



118.4170, 23.9514, -75.7877



141.9290, 21.2340, 2.6933



140.9040, -14.2497, 43.9342



134.1630, -20.7864, -6.2820

Rectangle

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



118.4170, 23.9514, -75.7877



132.8420, 29.6579, -39.3264



140.9040, -14.2497, 43.9342



137.9710, -26.1147, 22.8274

Sweetspot

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



118.4170, 23.9514, -75.7877



197.9300, 9.4015, -28.8796



112.7270, -33.3894, -70.7976



98.0840, 5.8746, -17.6137



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.



118.4170, 23.9514, -75.7877



141.2960, 37.3221, -117.7776



79.0880, 43.3406, -41.2962



81.0210, 1.4686, -4.4034



94.9430, 26.1571, -83.2650



12.8460, 3.5269, -11.2659

Inverse Universe

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



86.1590, 32.9526, 70.8976



91.2220, 51.1626, 110.3073



119.9120, -43.3406, 41.2962



79.1900, 1.8783, 4.2184



59.4140, 36.2779, 77.6899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 118.4170, 23.9514, -75.7877 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 118.4170, 23.9514, -75.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

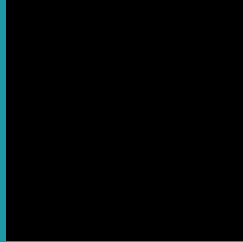
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.4170, 23.9514, -75.7877

Background



This preview shows how black text looks on a background with the YUV color 118.4170, 23.9514, -75.7877.

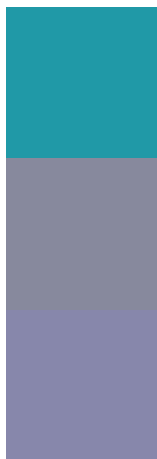


This preview shows how white text looks on a background with the YUV color 118.4170, 23.9514, -75.7877.

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

118.4170, 23.9514, -75.7877

Protanopia

138.6820, 9.0308, -3.2291

Deuteranopia

139.1040, 15.7247, -3.5992



Tritanopia

118.0040, 23.6620, -76.3025

Trichromacy



Original Color

118.4170, 23.9514, -75.7877

Protanomaly

131.5970, 14.4957, -29.4646

Deuteranomaly

132.0360, 18.7163, -29.8496

Tritanomaly

118.0040, 23.6620, -76.3025

Monochromacy



Original Color

118.4170, 23.9514, -75.7877

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.4140, 8.6699, -27.5501

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4170, 23.9514, -75.7877 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(32, 153, 167)` looks like.

```
.text, #text, p{  
    color:rgb(32, 153, 167)  
}
```

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(32, 153, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 153, 167) }
```

Border

The CSS property to change the border of an element to YUV 118.4170, 23.9514, -75.7877 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(32, 153, 167) }
```


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

```
.border{ border-color:rgb(32, 153, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 153, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 153, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 153, 167);  
box-shadow:4px 4px 4px 4px rgb(32, 153,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 118.4170, 23.9514, -75.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 153, 167) }
```

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

```
.background{ background-color: rgb(32, 153,  
167) }
```

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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