

Converting Colors

YUV(159.1720, 26.0442,
-0.1508)

Have a look what the booklet for
YUV(159.1720, 26.0442, -0.1508)
contains.

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Color

**YUV(159.1720, 26.0442,
-0.1508)**

Conversions

Conversions Part 1

Format	Color
Hex	9F95D4
RGB	159, 149, 212
RGB Percent	62%, 58%, 83%
CMY	0.3765, 0.4157, 0.1686
CMYK	0.25, 0.30, 0.00, 0.17
HSL	250°, 42%, 71%
HSV	250°, 30%, 83%
XYZ	36.9292, 33.6193, 66.8301
YIQ	159.1720, -14.2630, 21.7130

Conversions

Conversions Part 2

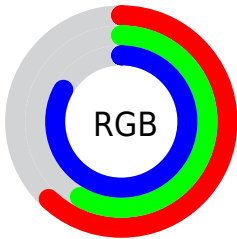
Format	Color
R_{YB}	159, 149, 212
Decimal	10458580
CIE _{Lab}	64.66, 17.18, -30.90
CIE _{LCh}	65, 35.355, 299.074
Yxy	33.6193, 0.2688, 0.2447
Android (android.graphics.Color)	4288648660 (0xFF9F95D4)
YUV	159.1720, 26.0442, -0.1508
Hunter-Lab	57.9821, 12.2190, -27.7501

Details

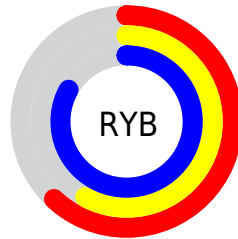
The YUV color $159.1720, 26.0442, -0.1508$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $201.8280, -26.0442, 0.1508$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $212.5160, 20.9446, 2.1785$, and $107.1180, 24.5918, -0.9805$ is the 20% darker color. If you saturate the color by 10%, you get $141.4630, 34.7747, -0.4061$, and if you desaturate by 10%, it is $176.8810, 17.3137, 0.1044$.

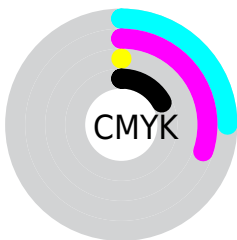
Distribution



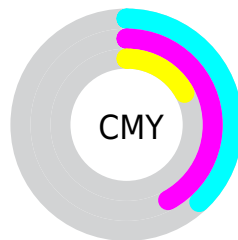
- Red (62%)
- Green (58%)
- Blue (83%)



- Red (62%)
- Yellow (58%)
- Blue (83%)



- Cyan (25%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.1720, 26.0442, -0.1508 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 159.1720, 26.0442, -0.1508 by changing the saturation by 10% instead.

■ 159.1720, 26.0442,
-0.1508

■ 159.1720, 26.0442,
-0.1508

■ 255.0000, 0.0000,
0.0000

■ 132.6450, 25.3180,
-0.5657

■ 212.5160, 20.9446,
2.1785

■ 107.1180, 24.5918,
-0.9805

■ 237.3240, 8.7143,
4.9779

■ 82.5910, 23.8656,
-1.3953

■ 59.2380, 22.5607,
-2.8397

■ 36.7000, 21.8399,
-4.9989

■ 12.8030, 22.2821,
-6.8432

■ 5.1640, 14.7091,

-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 159.1720, 26.0442,
-0.1508

■ 159.1720, 26.0442,
-0.1508

■ 141.4630, 34.7747,
-0.4061

■ 176.8810, 17.3137,
0.1044

■ 123.7540, 43.5053,
-0.6613

■ 194.5900, 8.5831,
0.3596

■ 105.4580, 52.5252,
-0.4017

■ 212.8860, -0.4368,
0.1000

■ 88.0480, 61.1083,
-0.0421

■ 230.2960, -9.0199,
-0.2596

■ 70.3390, 69.8389,
-0.2973

■ 248.0050,
-17.7505, -0.0044

■ 52.6300, 78.5694,
-0.5525

■ 250.0980,
-18.7823, 4.2991

■ 34.9210, 87.2999,
-0.8077

■ 34.3340, 87.5893,
-0.2929

Harmonies

Analogous

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



151.5910, 33.7256, -37.3523



159.1720, 26.0442, -0.1508



161.2700, 14.1639, 30.4582

Triad

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



159.1720, 26.0442, -0.1508



157.3800, -26.3163, 40.8857



139.2430, 7.7682, -65.1111

Complementary

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



159.1720, 26.0442, -0.1508



201.8280, -26.0442, 0.1508

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.



146.6910, -11.6797, -33.9320



159.1720, 26.0442, -0.1508



155.1080, -30.6192, 20.9533

Square

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



159.1720, 26.0442, -0.1508



158.7200, -15.1450, 51.1116



151.3220, -25.3017, -4.6674



129.0340, 28.0842, -94.7458

Rectangle

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



159.1720, 26.0442, -0.1508



160.5400, 4.6638, 44.2534



151.3220, -25.3017, -4.6674



141.8870, 1.0417, -54.2749

Sweetspot

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



159.1720, 26.0442, -0.1508



235.8180, 9.4567, 0.1596



187.8800, 11.8912, -34.0978



115.6070, 6.1097, 0.3447



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.



159.1720, 26.0442, -0.1508



177.9730, 37.9743, 0.0237



168.4410, 21.4746, 18.9072



97.8520, 4.5100, 0.1298



27.5670, 70.7125, -0.4973



6.9950, 17.7505, 0.0044

Inverse Universe

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



173.8790, 13.8637, 33.4321



199.2860, 20.0720, 48.8612



192.5590, -21.4746, -18.9072



100.3150, 2.3097, 5.8627



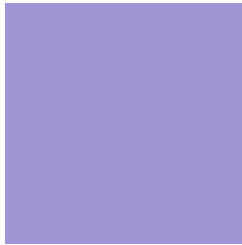
67.5450, 37.6923, 90.7300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 159.1720, 26.0442, -0.1508 looks on a white background.

Color Contrast Check

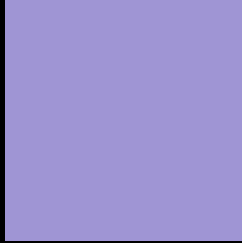
Large Text (above 18pt) WCAG AA × Fail

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 159.1720, 26.0442, -0.1508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

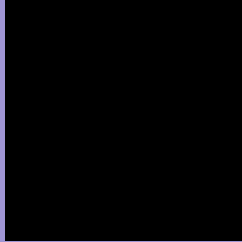
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.1720, 26.0442, -0.1508

Background



This preview shows how black text looks on a background with the YUV color 159.1720, 26.0442, -0.1508.



This preview shows how white text looks on a background with the YUV color 159.1720, 26.0442, -0.1508.

-0.1508.

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

159.1720, 26.0442, -0.1508

Protanopia

156.8710, 29.1506, -16.5499

Deuteranopia

157.4970, 26.3770, -13.5909



Tritanopia

156.6880, 6.5628, -4.9884

Trichromacy



Original Color

159.1720, 26.0442, -0.1508

Protanomaly

157.9750, 28.1133, -10.5021

Deuteranomaly

158.1170, 26.0713, -8.8726

Tritanomaly

157.5340, 13.5407, -3.0993

Monochromacy



Original Color

159.1720, 26.0442, -0.1508

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8180, 9.4567, 0.1596

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.1720, 26.0442, -0.1508 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(159, 149, 212)` looks like.

```
.text, #text, p{  
    color:rgb(159, 149, 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(159, 149, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 149, 212) }
```

Border

The CSS property to change the border of an element to YUV 159.1720, 26.0442, -0.1508 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(159, 149, 212) }
```


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

```
.border{ border-color:rgb(159, 149, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 149, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 149, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 149, 212);  
box-shadow:4px 4px 4px 4px rgb(159, 149,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 159.1720, 26.0442, -0.1508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 149, 212) }
```

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

```
.background{ background-color: rgb(159,  
149, 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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