

Converting Colors

YUV(118.9990, 18.2415,
-17.5391)

Have a look what the booklet for
YUV(118.9990, 18.2415, -17.5391)
contains.

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Color

**YUV(118.9990, 18.2415,
-17.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	637A9C
RGB	99, 122, 156
RGB Percent	39%, 48%, 61%
CMY	0.6118, 0.5216, 0.3882
CMYK	0.37, 0.22, 0.00, 0.39
HSL	216°, 22%, 50%
HSV	216°, 37%, 61%
XYZ	18.1059, 18.9720, 34.1602
YIQ	118.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

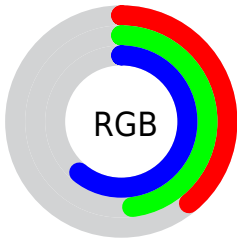
Format	Color
R_{YB}	99, 115, 156
Decimal	6519452
CIE _{Lab}	50.65, 0.39, -20.98
CIE _{LCh}	51, 20.981, 271.065
Yxy	18.9720, 0.2542, 0.2663
Android (android.graphics.Color)	4284709532 (0xFF637A9C)
YUV	118.9990, 18.2415, -17.5391
Hunter-Lab	43.5569, -2.0250, -16.0093

Details

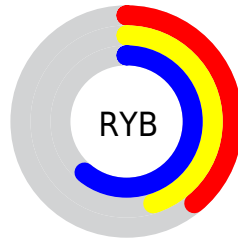
The YUV color **118.9990, 18.2415, -17.5391** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **136.0010, -18.2415, 17.5391**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3410, 19.5519, -17.8391**, and **70.0590, 17.2259, -18.4687** is the 20% darker color. If you saturate the color by 10%, you get **108.9320, 23.2045, -22.7424**, and if you desaturate by 10%, it is **129.0660, 13.2785, -12.3359**.

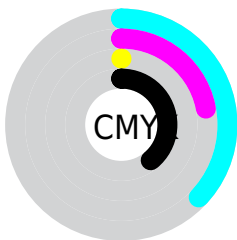
Distribution



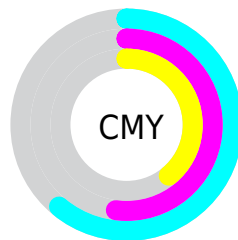
- Red (39%)
- Green (48%)
- Blue (61%)



- Red (39%)
- Yellow (45%)
- Blue (61%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9990, 18.2415, -17.5391 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 118.9990, 18.2415, -17.5391 by changing the saturation by 10% instead.

■ 118.9990, 18.2415,
-17.5391

■ 118.9990, 18.2415,
-17.5391

■ 255.0000, 0.0000,
0.0000

■ 93.8850, 17.8047,
-17.4391

■ 171.3410, 19.5519,
-17.8391

■ 70.0590, 17.2259,
-18.4687

■ 199.3410, 19.5519,
-17.8391

■ 46.2330, 16.6471,
-19.4983

■ 225.9730, 14.3103,
-16.6393

■ 24.1080, 16.2158,
-21.1427

■ 249.0200, 2.9481,
-12.2955

■ 6.4520, 14.5672,
-5.6584

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 118.9990, 18.2415,
-17.5391

■ 118.9990, 18.2415,
-17.5391

■ 108.9320, 23.2045,
-22.7424

■ 129.0660, 13.2785,
-12.3359

■ 98.5770, 28.3095,
-26.8160

■ 139.4210, 8.1734,
-8.2622

■ 88.5100, 33.2726,
-32.0193

■ 149.4880, 3.2104,
-3.0590

■ 78.7420, 38.0882,
-36.6077

■ 159.2560, -1.6052,
1.5295

■ 68.0880, 43.3406,
-41.2962

■ 169.9100, -6.8576,
6.2179

■ 58.0210, 48.3036,
-46.4994

■ 179.9770,
-11.8207, 11.4212

■ 54.7650, 49.9089,
-48.0289

■ 189.7450,
-16.6363, 16.0096

■ 199.8120,
-21.5993, 21.2129

■ 210.1670,
-26.7043, 25.2865

Harmonies

Analogous

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



114.4870, 18.0009, -33.7531



118.9990, 18.2415, -17.5391



122.3820, 14.1087, 1.4190

Triad

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



118.9990, 18.2415, -17.5391



122.3690, -9.5489, 29.4944



115.2720, -6.0501, -19.5325

Complementary

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



118.9990, 18.2415, -17.5391



136.0010, -18.2415, 17.5391

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.



117.7210, -13.6665, -3.2633



118.9990, 18.2415, -17.5391



121.4300, -15.4950, 23.3019

Square

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



118.9990, 18.2415, -17.5391



123.5350, -1.2498, 27.5948



119.8970, -17.2042, 11.4913



113.1160, 3.8868, -33.4277

Rectangle

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



118.9990, 18.2415, -17.5391



123.3080, 9.7082, 12.8849



119.8970, -17.2042, 11.4913



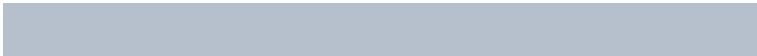
116.2080, -8.9765, -14.2144

Sweetspot

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



118.9990, 18.2415, -17.5391



189.7910, 7.0050, -6.8327



136.2210, -2.0810, -32.6428



93.4170, 4.2314, -3.8737



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



118.9990, 18.2415, -17.5391



145.3920, 28.8937, -27.5308



106.9930, 24.1605, -2.6249



73.6730, 2.6262, -2.3442



50.3480, 45.6774, -44.1552



5.2320, 4.8156, -4.5885

Inverse Universe

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



118.6650, 1.6442, 32.7428



145.0140, 2.4581, 51.7307



148.0070, -24.1605, 2.6249



73.7340, 0.1311, 4.6183



49.3690, 4.2551, 82.1144



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 118.9990, 18.2415, -17.5391 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 118.9990, 18.2415, -17.5391 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

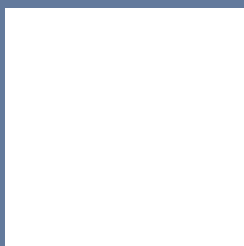
Any Text WCAG AAA × Fail

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

YUV 118.9990, 18.2415, -17.5391 Background



This preview shows how black text looks on a background with the YUV color 118.9990, 18.2415, -17.5391.



This preview shows how white text looks on a background with the YUV color 118.9990, 18.2415, -17.5391.

-17.5391.

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

118.9990, 18.2415, -17.5391

Protanopia

120.5980, 16.4672, -8.4174

Deuteranopia

120.6520, 17.9196, -7.5878



Tritanopia

117.5720, 9.0850, -20.6726

Trichromacy



Original Color

118.9990, 18.2415, -17.5391

Protanomaly

120.1030, 17.2042, -11.4913

Deuteranomaly

119.7440, 18.3672, -11.1765

Tritanomaly

118.3810, 12.1372, -19.6281

Monochromacy



Original Color

118.9990, 18.2415, -17.5391

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9990, 18.2415, -17.5391 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(99, 122, 156)` looks like.

```
.text, #text, p{  
    color:rgb(99, 122, 156)  
}
```

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(99, 122, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 122, 156) }
```

Border

The CSS property to change the border of an element to YUV 118.9990, 18.2415, -17.5391 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(99, 122, 156) }
```


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

```
.border{ border-color:rgb(99, 122, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 122, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 122, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 122, 156);  
box-shadow:4px 4px 4px 4px rgb(99, 122,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 118.9990, 18.2415, -17.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 122, 156) }
```

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

```
.background{ background-color: rgb(99, 122,  
156) }
```

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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