

Converting Colors

YUV(119.5380, 34.2448,
-17.1348)

Have a look what the booklet for
YUV(119.5380, 34.2448, -17.1348)
contains.

YUV(119.5380, 34.2448, -17.1348)	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(119.5380, 34.2448,
-17.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	6474BD
RGB	100, 116, 189
RGB Percent	39%, 45%, 74%
CMY	0.6078, 0.5451, 0.2588
CMYK	0.47, 0.39, 0.00, 0.26
HSL	229°, 40%, 57%
HSV	229°, 47%, 74%
XYZ	20.6862, 18.8742, 50.6969
YIQ	119.5380, -32.9690, 19.3110

Conversions

Conversions Part 2

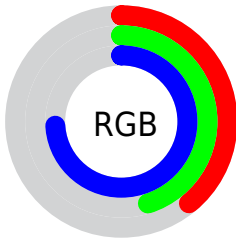
Format	Color
R_{YB}	100, 114, 189
Decimal	6583485
CIE _{Lab}	50.54, 13.95, -40.29
CIE _{LCh}	51, 42.637, 289.097
Yxy	18.8742, 0.2292, 0.2091
Android (android.graphics.Color)	4284773565 (0xFF6474BD)
YUV	119.5380, 34.2448, -17.1348
Hunter-Lab	43.4445, 8.9655, -38.7765

Details

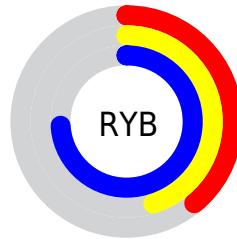
The YUV color **119.5380, 34.2448, -17.1348** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **169.4620, -34.2448, 17.1348**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0050, 35.9865, -15.7904**, and **68.4620, 32.8032, -21.4532** is the 20% darker color. If you saturate the color by 10%, you get **104.4650, 41.6758, -20.5788**, and if you desaturate by 10%, it is **134.6110, 26.8138, -13.6908**.

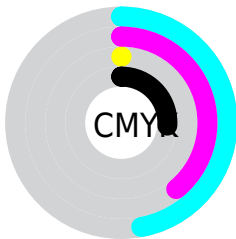
Distribution



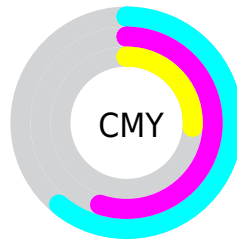
- Red (39%)
- Green (45%)
- Blue (74%)



- Red (39%)
- Yellow (45%)
- Blue (74%)



- Cyan (47%)
- Magenta (39%)
- Yellow (0%)
- Black (26%)



- Cyan (61%)
- Magenta (55%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5380, 34.2448, -17.1348 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 119.5380, 34.2448, -17.1348 by changing the saturation by 10% instead.

■ 119.5380, 34.2448,
-17.1348

■ 119.5380, 34.2448,
-17.1348

■ 255.0000, 0.0000,
0.0000

■ 94.2990, 33.3766,
-18.6792

■ 173.0050, 35.9865,
-15.7904

■ 68.4620, 32.8032,
-21.4532

■ 198.2520, 27.9768,
-13.3760

■ 40.6240, 33.7094,
-32.1192

■ 223.3590, 15.5990,
-9.9618

■ 24.9520, 29.6037,
-21.8829

■ 248.4660, 3.2213,
-6.5477

■ 6.9540, 26.6447,
-6.0987

■ 6.0930, 15.7302,
-5.3436

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 119.5380, 34.2448,
-17.1348

■ 119.5380, 34.2448,
-17.1348

■ 104.4650, 41.6758,
-20.5788

■ 134.6110, 26.8138,
-13.6908

■ 89.9790, 48.8174,
-24.5376

■ 149.0970, 19.6722,
-9.7321

■ 74.9060, 56.2483,
-27.9816

■ 164.1700, 12.2412,
-6.2881

■ 60.4200, 63.3899,
-31.9403

■ 178.6560, 5.0996,
-2.3293

■ 45.3470, 70.8209,
-35.3843

■ 193.7290, -2.3314,
1.1147

■ 41.5040, 72.7155,
-36.3990

■ 207.9160, -9.3256,
4.4587

■ 222.9890,
-16.7566, 7.9026

■ 237.4750,
-23.8982, 11.8614

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



96.9100, 46.3864, -84.9901



119.5380, 34.2448, -17.1348



123.8870, 21.7477, 24.6551

Triad

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



119.5380, 34.2448, -17.1348



119.2610, -25.7647, 50.6371



92.9760, 5.9278, -81.5400

Complementary

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



119.5380, 34.2448, -17.1348



169.4620, -34.2448, 17.1348

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.



108.8890, -18.6793, -28.8437



119.5380, 34.2448, -17.1348



117.7240, -34.8669, 30.0601

Square

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



119.5380, 34.2448, -17.1348



120.3280, -10.5147, 59.3483



114.1290, -32.6016, 3.3949



97.3080, 22.5262, -85.3391

Rectangle

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



119.5380, 34.2448, -17.1348



123.0760, 11.7945, 43.7833



114.1290, -32.6016, 3.3949



100.5890, -3.7414, -60.1526

Sweetspot

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



119.5380, 34.2448, -17.1348



218.3980, 13.1148, -6.4880



160.5650, 6.1305, -53.1155



106.0410, 7.8678, -3.5440



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



119.5380, 34.2448, -17.1348



135.6350, 53.9169, -26.8669



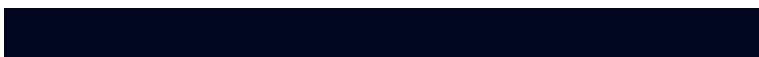
118.5180, 34.7476, 8.3157



87.2000, 3.3524, -1.9294



34.4480, 60.9111, -30.2109



7.0560, 11.8044, -6.1881

Inverse Universe

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



128.4350, -6.1305, 53.1155



149.7100, -9.7170, 83.5693



170.4820, -34.7476, -8.3157



87.9190, -0.4531, 5.3330



50.4340, -11.0600, 94.3354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 119.5380, 34.2448, -17.1348 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 119.5380, 34.2448, -17.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

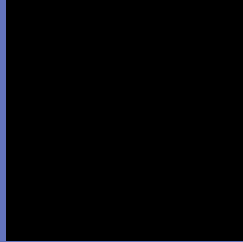
Any Text WCAG AA ✓ Pass

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 119.5380, 34.2448, -17.1348 Background



This preview shows how black text looks on a background with the YUV color 119.5380, 34.2448, -17.1348.



This preview shows how white text looks on a background with the YUV color 119.5380, 34.2448, -17.1348.

-17.1348.

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

119.5380, 34.2448, -17.1348

Protanopia

118.4340, 35.2820, -23.1826

Deuteranopia

116.6890, 35.1563, -29.5453



Tritanopia

115.5820, 10.5591, -26.8204

Trichromacy



Original Color

119.5380, 34.2448, -17.1348

Protanomaly

118.7440, 35.1292, -20.8235

Deuteranomaly

117.8960, 34.5613, -25.3418

Tritanomaly

116.8950, 19.2788, -23.5869

Monochromacy



Original Color

119.5380, 34.2448, -17.1348

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.1700, 12.2412, -6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5380, 34.2448, -17.1348 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(100, 116, 189)` looks like.

```
.text, #text, p{  
    color:rgb(100, 116, 189)  
}
```

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(100, 116, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 116, 189) }
```

Border

The CSS property to change the border of an element to YUV 119.5380, 34.2448, -17.1348 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(100, 116, 189) }
```


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

```
.border{ border-color:rgb(100, 116, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 116, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 116, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 116, 189);  
box-shadow:4px 4px 4px 4px rgb(100, 116,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 119.5380, 34.2448, -17.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 116, 189) }
```

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

```
.background{ background-color: rgb(100,  
116, 189) }
```

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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