

Converting Colors

YUV(117.1190, 19.6613,
-6.2434)

Have a look what the booklet for
YUV(117.1190, 19.6613, -6.2434)
contains.

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Color

**YUV(117.1190, 19.6613,
-6.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	6E719D
RGB	110, 113, 157
RGB Percent	43%, 44%, 62%
CMY	0.5686, 0.5569, 0.3843
CMYK	0.30, 0.28, 0.00, 0.38
HSL	236°, 19%, 52%
HSV	236°, 30%, 62%
XYZ	18.4213, 17.5596, 34.3167
YIQ	117.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

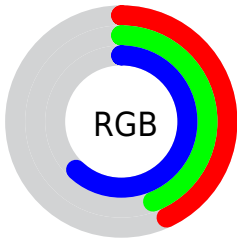
Format	Color
R_{YB}	110, 113, 157
Decimal	7238045
CIE _{Lab}	48.96, 9.37, -24.11
CIE _{LCh}	49, 25.866, 291.229
Yxy	17.5596, 0.2620, 0.2498
Android (android.graphics.Color)	4285428125 (0xFF6E719D)
YUV	117.1190, 19.6613, -6.2434
Hunter-Lab	41.9041, 5.1375, -19.2217

Details

The YUV color **117.1190, 19.6613, -6.2434** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **149.8810, -19.6613, 6.2434**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7600, 20.8243, -5.9285**, and **68.0650, 18.2090, -7.0730** is the 20% darker color. If you saturate the color by 10%, you get **103.5300, 26.3607, -8.3578**, and if you desaturate by 10%, it is **130.7080, 12.9620, -4.1289**.

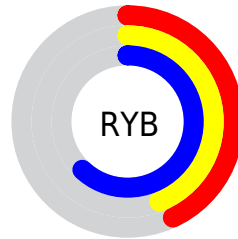
Distribution



Red (43%)

Green (44%)

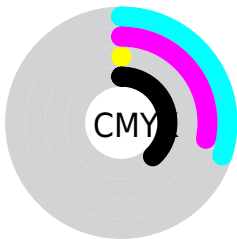
Blue (62%)



Red (43%)

Yellow (44%)

Blue (62%)

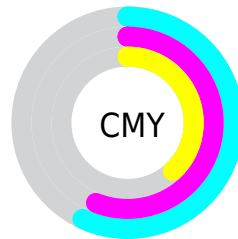


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (56%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.1190, 19.6613, -6.2434 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 117.1190, 19.6613, -6.2434 by changing the saturation by 10% instead.

■ 117.1190, 19.6613,
-6.2434

■ 117.1190, 19.6613,
-6.2434

■ 255.0000, 0.0000,
0.0000

■ 92.5920, 18.9351,
-6.6582

■ 169.7600, 20.8243,
-5.9285

■ 68.0650, 18.2090,
-7.0730

■ 196.8740, 21.2611,
-6.0285

■ 45.5380, 17.4828,
-7.4878

■ 223.3920, 15.5827,
-4.7288

■ 23.7010, 16.9094,
-10.2618

■ 248.4990, 3.2050,
-1.3146

■ 4.1040, 15.7247,
-3.5992

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 117.1190, 19.6613,
-6.2434

■ 117.1190, 19.6613,
-6.2434

■ 103.5300, 26.3607,
-8.3578

■ 130.7080, 12.9620,
-4.1289

■ 90.8270, 32.6233,
-10.3723

■ 143.4110, 6.6994,
-2.1144

■ 77.2380, 39.3227,
-12.4867

■ 157.0000, 0.0000,
0.0000

■ 63.6490, 46.0220,
-14.6012

■ 170.5890, -6.6994,
2.1144

■ 50.9460, 52.2846,
-16.6156

■ 183.5910,
-13.1094, 4.7437

■ 37.3570, 58.9840,
-18.7301

■ 196.8810,
-19.6613, 6.2434

■ 23.7680, 65.6834,
-20.8445

■ 210.4700,
-26.3607, 8.3578

■ 224.0590,
-33.0601, 10.4723

■ 236.7620,
-39.3227, 12.4867

Harmonies

Analogous

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



111.2900, 23.5210, -30.9493



117.1190, 19.6613, -6.2434



119.3130, 12.1707, 16.3885

Triad

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



117.1190, 19.6613, -6.2434



116.8440, -16.6851, 31.7088



106.3990, 1.2823, -38.0609

Complementary

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



117.1190, 19.6613, -6.2434



149.8810, -19.6613, 6.2434

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.



110.3170, -11.0023, -17.8180



117.1190, 19.6613, -6.2434



115.6160, -21.0097, 18.7538

Square

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



117.1190, 19.6613, -6.2434



118.1680, -7.9708, 36.6867



113.3750, -18.9189, 1.4251



102.0300, 14.2822, -54.4003

Rectangle

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



117.1190, 19.6613, -6.2434



119.3700, 5.7336, 27.7395



113.3750, -18.9189, 1.4251



107.7050, -2.8126, -31.3133

Sweetspot

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



117.1190, 19.6613, -6.2434



188.6390, 7.5730, -2.3144



142.6050, 5.6177, -28.5946



92.2540, 4.8048, -1.0998



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.



117.1190, 19.6613, -6.2434



141.6700, 30.7287, -9.3576



121.3380, 17.5814, 7.5966



72.4990, 3.2050, -1.3146



21.5850, 59.8576, -18.9300



2.2970, 6.2626, -2.0145

Inverse Universe

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



124.3950, -5.6177, 28.5946



153.2830, -9.0135, 44.4788



145.6620, -17.5814, -7.5966



73.5060, -0.7425, 4.8182



43.7830, -17.1480, 87.0133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 117.1190, 19.6613, -6.2434 looks on a white 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

Black Background



This preview shows how the YUV color 117.1190, 19.6613, -6.2434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

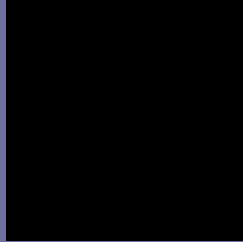
Any Text WCAG AA ✓ Pass

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 117.1190, 19.6613, -6.2434 Background



This preview shows how black text looks on a background with the YUV color 117.1190, 19.6613, -6.2434.



This preview shows how white text looks on a background with the YUV color 117.1190, 19.6613, -6.2434.

-6.2434.

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

117.1190, 19.6613, -6.2434

Protanopia

116.6130, 20.4038, -11.0616

Deuteranopia

116.7980, 19.8196, -10.3468



Tritanopia

115.5410, 6.1423, -10.1215

Trichromacy



Original Color

117.1190, 19.6613, -6.2434

Protanomaly

116.6240, 20.3984, -9.3172

Deuteranomaly

116.8090, 19.8142, -8.6025

Tritanomaly

116.2190, 11.2310, -8.9621

Monochromacy



Original Color

117.1190, 19.6613, -6.2434

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.2260, 7.2836, -2.8292

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.1190, 19.6613, -6.2434 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(110, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 157)  
}
```

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(110, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 157) }
```

Border

The CSS property to change the border of an element to YUV 117.1190, 19.6613, -6.2434 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(110, 113, 157) }
```


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

```
.border{ border-color:rgb(110, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 117.1190, 19.6613, -6.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 157) }
```

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

```
.background{ background-color: rgb(110,  
113, 157) }
```

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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