

Converting Colors

YUV(113.8790, 33.5837,
-38.4819)

Have a look what the booklet for
YUV(113.8790, 33.5837, -38.4819)
contains.

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Color

**YUV(113.8790, 33.5837,
-38.4819)**

Conversions

Conversions Part 1

Format	Color
Hex	467BB6
RGB	70, 123, 182
RGB Percent	27%, 48%, 71%
CMY	0.7255, 0.5176, 0.2863
CMYK	0.62, 0.32, 0.00, 0.29
HSL	212°, 44%, 49%
HSV	212°, 62%, 71%
XYZ	18.0522, 18.8454, 46.9420
YIQ	113.8790, -50.5270, 7.1130

Conversions

Conversions Part 2

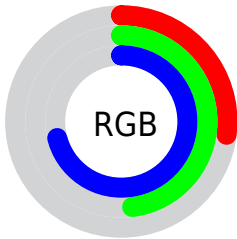
Format	Color
R_{YB}	70, 106, 182
Decimal	4619190
CIE _{Lab}	50.51, 0.75, -36.42
CIE _{LCh}	51, 36.431, 271.174
Yxy	18.8454, 0.2153, 0.2248
Android (android.graphics.Color)	4282809270 (0xFF467BB6)
YUV	113.8790, 33.5837, -38.4819
Hunter-Lab	43.4113, -1.7420, -33.7243

Details

The YUV color **113.8790, 33.5837, -38.4819** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **138.1210, -33.5837, 38.4819**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.8300, 34.5938, -35.8079**, and **58.7310, 34.6426, -51.5071** is the 20% darker color. If you saturate the color by 10%, you get **102.6270, 39.1309, -44.3999**, and if you desaturate by 10%, it is **125.1310, 28.0364, -32.5639**.

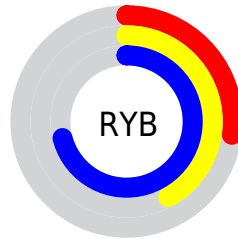
Distribution



Red (27%)

Green (48%)

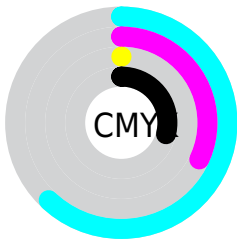
Blue (71%)



Red (27%)

Yellow (42%)

Blue (71%)

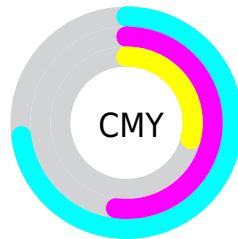


Cyan (62%)

Magenta (32%)

Yellow (0%)

Black (29%)



Cyan (73%)

Magenta (52%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8790, 33.5837, -38.4819 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 113.8790, 33.5837, -38.4819 by changing the saturation by 10% instead.

■ 113.8790, 33.5837,
-38.4819

■ 113.8790, 33.5837,
-38.4819

■ 255.0000, 0.0000,
0.0000

■ 86.2590, 33.8893,
-43.2001

■ 167.8300, 34.5938,
-35.8079

■ 58.7310, 34.6426,
-51.5071

■ 194.8750, 29.6416,
-34.0934

■ 42.2660, 29.9419,
-37.0673

■ 219.9820, 17.2639,
-30.6792

■ 27.7900, 25.2465,
-24.3718

■ 242.7410, 6.0437,
-25.2059

■ 9.9060, 22.7243,
-8.6876

■ 251.4120, 1.7689,
-7.3773

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 113.8790, 33.5837,
-38.4819

■ 113.8790, 33.5837,
-38.4819

■ 102.6270, 39.1309,
-44.3999

■ 125.1310, 28.0364,
-32.5639

■ 91.9620, 44.3887,
-50.8327

■ 135.7960, 22.7786,
-26.1311

■ 80.4110, 50.0834,
-57.3654

■ 147.3470, 17.0839,
-19.5983

■ 71.2300, 54.6096,
-62.4687

■ 158.0120, 11.8261,
-13.1655

■ 169.2640, 6.2788,
-7.2475

■ 180.5160, 0.7316,
-1.3295

■ 191.1810, -4.5262,
5.1033

■ 202.7320,
-10.2209, 11.6360

■ 213.3970,
-15.4787, 18.0688

Harmonies

Analogous

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



96.7330, 38.0926, -84.8348



113.8790, 33.5837, -38.4819



122.5420, 24.8758, 1.2787

Triad

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



113.8790, 33.5837, -38.4819



120.7090, -15.1395, 49.3672



108.8370, -9.7796, -36.6910

Complementary

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



113.8790, 33.5837, -38.4819



138.1210, -33.5837, 38.4819

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.



114.2400, -24.2753, -7.2265



113.8790, 33.5837, -38.4819



119.6570, -26.4529, 38.0118

Square

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



113.8790, 33.5837, -38.4819



122.3680, -1.1674, 47.9123



117.6130, -29.8822, 17.8794



93.5120, 13.0586, -82.0100

Rectangle

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



113.8790, 33.5837, -38.4819



124.0240, 17.2432, 22.7810



117.6130, -29.8822, 17.8794



110.8230, -15.1957, -26.1548

Sweetspot

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



113.8790, 33.5837, -38.4819



211.2290, 12.7051, -15.1098



142.3560, -7.0775, -63.4562



103.7090, 8.0315, -9.3918



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



113.8790, 33.5837, -38.4819



130.6710, 52.4202, -60.2245



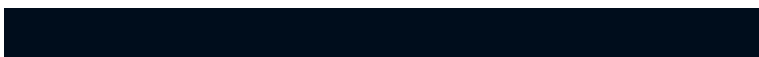
83.3660, 48.6266, -9.9680



86.3740, 2.7736, -2.9590



61.2220, 46.7256, -53.6917



10.8230, 8.4683, -9.4918

Inverse Universe

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



109.5300, 6.6407, 63.5562



123.7870, 10.4580, 99.2878



168.6340, -48.6266, 9.9680



86.1470, 0.4205, 5.1331



55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 113.8790, 33.5837, -38.4819 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 113.8790, 33.5837, -38.4819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

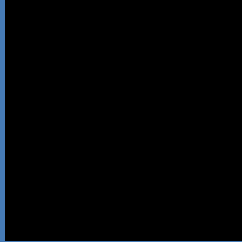
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.8790, 33.5837, -38.4819

Background



This preview shows how black text looks on a background with the YUV color 113.8790, 33.5837, -38.4819.



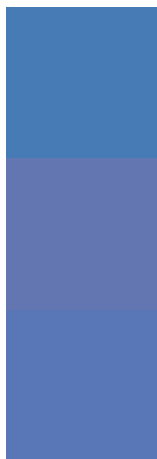
This preview shows how white text looks on a background with the YUV color 113.8790, 33.5837, -38.4819.

-38.4819.

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

113.8790, 33.5837, -38.4819

Protanopia

119.1590, 29.0086, -17.6794

Deuteranopia

117.3260, 32.3773, -24.8419



Tritanopia

108.3340, 16.5973, -50.2819

Trichromacy



Original Color

113.8790, 33.5837, -38.4819

Protanomaly

117.1580, 30.4881, -25.5716

Deuteranomaly

115.8200, 33.1197, -29.6601

Tritanomaly

110.3760, 22.9856, -45.9338

Monochromacy



Original Color

113.8790, 33.5837, -38.4819

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8270, 12.4103, -13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8790, 33.5837, -38.4819 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(70, 123, 182)` looks like.

```
.text, #text, p{  
    color:rgb(70, 123, 182)  
}
```

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(70, 123, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 123, 182) }
```

Border

The CSS property to change the border of an element to YUV 113.8790, 33.5837, -38.4819 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(70, 123, 182) }
```


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

```
.border{ border-color:rgb(70, 123, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 123, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 123, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 123, 182);  
box-shadow:4px 4px 4px 4px rgb(70, 123,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 113.8790, 33.5837, -38.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 123, 182) }
```

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

```
.background{ background-color: rgb(70, 123,  
182) }
```

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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