

Converting Colors

YUV(108.1550, 38.3776,
-36.0929)

Have a look what the booklet for
YUV(108.1550, 38.3776, -36.0929)
contains.

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Color

**YUV(108.1550, 38.3776,
-36.0929)**

Conversions

Conversions Part 1

Format	Color
Hex	4372BA
RGB	67, 114, 186
RGB Percent	26%, 45%, 73%
CMY	0.7373, 0.5529, 0.2706
CMYK	0.64, 0.39, 0.00, 0.27
HSL	216°, 47%, 50%
HSV	216°, 64%, 73%
XYZ	17.1950, 16.7731, 48.7856
YIQ	108.1550, -51.1240, 12.4280

Conversions

Conversions Part 2

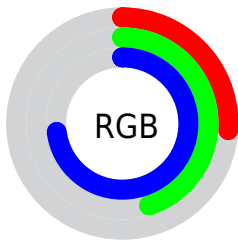
Format	Color
R _Y B	67, 101, 186
Decimal	4420282
CIE Lab	47.97, 7.04, -42.74
CIE LCh	48, 43.319, 279.354
Yxy	16.7731, 0.2078, 0.2027
Android (android.graphics.Color)	4282610362 (0xFF4372BA)
YUV	108.1550, 38.3776, -36.0929
Hunter-Lab	40.9550, 3.2722, -41.9579

Details

The YUV color **108.1550, 38.3776, -36.0929** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **144.8450, -38.3776, 36.0929**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2310, 39.8191, -31.7746**, and **54.3770, 38.2681, -47.6886** is the 20% darker color. If you saturate the color by 10%, you get **96.0170, 44.3616, -42.1109**, and if you desaturate by 10%, it is **120.2930, 32.3936, -30.0750**.

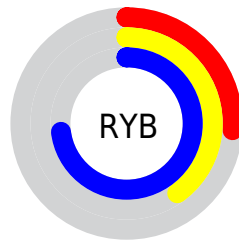
Distribution



Red (26%)

Green (45%)

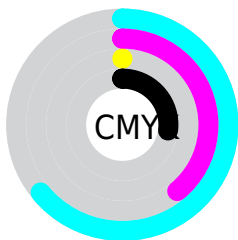
Blue (73%)



Red (26%)

Yellow (40%)

Blue (73%)

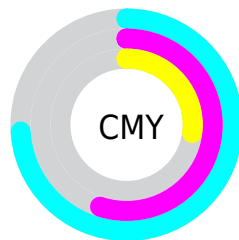


Cyan (64%)

Magenta (39%)

Yellow (0%)

Black (27%)



Cyan (74%)

Magenta (55%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.1550, 38.3776, -36.0929 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 108.1550, 38.3776, -36.0929 by changing the saturation by 10% instead.

■ 108.1550, 38.3776,
-36.0929

■ 108.1550, 38.3776,
-36.0929

■ 255.0000, 0.0000,
0.0000

■ 80.5240, 38.6887,
-42.5555

■ 162.2310, 39.8191,
-31.7746

■ 54.3770, 38.2681,
-47.6886

■ 188.4070, 32.8303,
-30.1749

■ 38.6130, 33.7148,
-33.8636

■ 212.9270, 20.7420,
-26.2460

■ 24.0230, 28.5827,
-21.0682

■ 238.6210, 8.0748,
-23.3466

■ 10.1340, 23.5979,
-8.8875

■ 251.1130, 1.9163,
-7.9921

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 108.1550, 38.3776,
-36.0929

■ 108.1550, 38.3776,
-36.0929

■ 96.0170, 44.3616,
-42.1109

■ 120.2930, 32.3936,
-30.0750

■ 83.5910, 50.4876,
-46.9993

■ 132.7190, 26.2675,
-25.1866

■ 71.4530, 56.4717,
-53.0173

■ 144.8570, 20.2835,
-19.1686

■ 64.0550, 60.1189,
-56.1762

■ 156.6960, 14.4469,
-13.7654

■ 168.8340, 8.4628,
-7.7474

■ 181.5590, 2.1894,
-2.2442

■ 193.3980, -3.6472,
3.1590

■ 205.5360, -9.6312,
9.1769

■ 217.3750,
-15.4679, 14.5801

Harmonies

Analogous

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



94.1230, 43.3234, -82.5459



108.1550, 38.3776, -36.0929



116.7760, 26.7324, 12.4744

Triad

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



108.1550, 38.3776, -36.0929



112.7330, -21.5604, 55.4852



90.4140, -1.6831, -67.0151

Complementary

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



108.1550, 38.3776, -36.0929



144.8450, -38.3776, 36.0929

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.



104.6470, -24.9690, -18.1074



108.1550, 38.3776, -36.0929



111.8220, -33.4362, 37.8671

Square

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



108.1550, 38.3776, -36.0929



113.5220, -4.6943, 59.1782



109.0870, -35.5389, 12.2017



91.7340, 16.4001, -80.4507

Rectangle

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



108.1550, 38.3776, -36.0929



117.4000, 17.0578, 35.6062



109.0870, -35.5389, 12.2017



98.6250, -11.6471, -44.3981

Sweetspot

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



108.1550, 38.3776, -36.0929



211.8100, 14.8837, -13.8654



144.9470, -3.4249, -68.3595



103.6490, 9.0470, -8.4622



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.



108.1550, 38.3776, -36.0929



120.0550, 60.1189, -56.1762



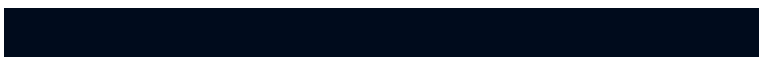
84.1540, 50.2101, -4.5201



85.7870, 3.0630, -2.4442



53.5910, 50.4876, -46.9993



9.6490, 9.0470, -8.4622

Inverse Universe

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



107.9390, 2.9881, 68.4595



119.9360, 4.4686, 107.0501



168.8460, -50.2101, 4.5201



86.0330, -0.0163, 5.2331



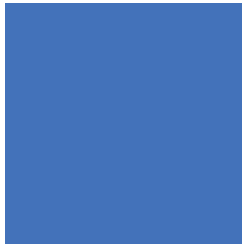
53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 108.1550, 38.3776, -36.0929 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 108.1550, 38.3776, -36.0929 looks on a black 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

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

YUV 108.1550, 38.3776, -36.0929

Background



This preview shows how black text looks on a background with the YUV color 108.1550, 38.3776, -36.0929.



This preview shows how white text looks on a background with the YUV color 108.1550, 38.3776, -36.0929.

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

108.1550, 38.3776, -36.0929

Protanopia

111.4340, 35.2820, -23.1826

Deuteranopia

108.1550, 38.3776, -36.0929



Tritanopia

100.4260, 17.0450, -53.8706

Trichromacy



Original Color

108.1550, 38.3776, -36.0929

Protanomaly

110.0420, 36.4613, -28.1008

Deuteranomaly

108.1550, 38.3776, -36.0929

Tritanomaly

103.2340, 25.0276, -47.5632

Monochromacy



Original Color

108.1550, 38.3776, -36.0929

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

107.8810, 13.8627, -13.0506

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.1550, 38.3776, -36.0929 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(67, 114, 186)` looks like.

```
.text, #text, p{  
    color:rgb(67, 114, 186)  
}
```

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(67, 114, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 114, 186) }
```

Border

The CSS property to change the border of an element to YUV 108.1550, 38.3776, -36.0929 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(67, 114, 186) }
```


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

```
.border{ border-color:rgb(67, 114, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 114, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 114, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 114, 186);  
box-shadow:4px 4px 4px 4px rgb(67, 114,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 108.1550, 38.3776, -36.0929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 114, 186) }
```

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

```
.background{ background-color: rgb(67, 114,  
186) }
```

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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