

Converting Colors

YUV(116.2290, 39.3271,
-60.7138)

Have a look what the booklet for
YUV(116.2290, 39.3271, -60.7138)
contains.

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Color

**YUV(116.2290, 39.3271,
-60.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	2F88C4
RGB	47, 136, 196
RGB Percent	18%, 53%, 77%
CMY	0.8157, 0.4667, 0.2314
CMYK	0.76, 0.31, 0.00, 0.23
HSL	204°, 61%, 48%
HSV	204°, 76%, 77%
XYZ	19.9403, 22.1982, 55.4583
YIQ	116.2290, -72.3040, -0.2080

Conversions

Conversions Part 2

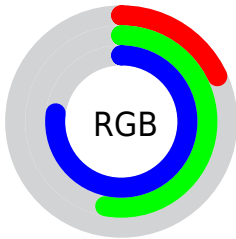
Format	Color
R _Y B	47, 103, 196
Decimal	3115204
CIE Lab	54.24, -5.65, -38.62
CIE LCh	54, 39.035, 261.684
Yxy	22.1982, 0.2043, 0.2274
Android (android.graphics.Color)	4281305284 (0xFF2F88C4)
YUV	116.2290, 39.3271, -60.7138
Hunter-Lab	47.1149, -6.9054, -36.8089

Details

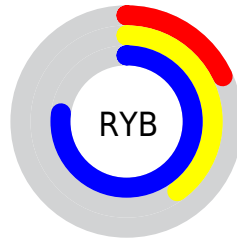
The YUV color **116.2290, 39.3271, -60.7138** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **126.7710, -39.3271, 60.7138**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8710, 39.0106, -52.5069**, and **67.2570, 36.8483, -58.9844** is the 20% darker color. If you saturate the color by 10%, you get **105.5530, 44.5904, -68.8910**, and if you desaturate by 10%, it is **126.9050, 34.0638, -52.5367**.

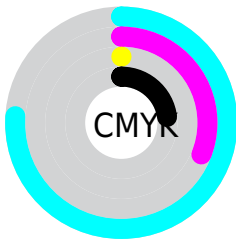
Distribution



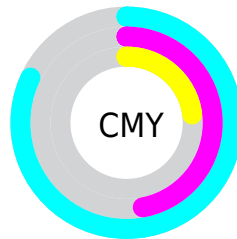
- Red (18%)
- Green (53%)
- Blue (77%)



- Red (18%)
- Yellow (40%)
- Blue (77%)



- Cyan (76%)
- Magenta (31%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (47%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2290, 39.3271, -60.7138 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 116.2290, 39.3271, -60.7138 by changing the saturation by 10% instead.

■ 116.2290, 39.3271,
-60.7138

■ 116.2290, 39.3271,
-60.7138

■ 255.0000, 0.0000,
0.0000

■ 84.4230, 41.6965,
-74.0390

■ 173.8710, 39.0106,
-52.5069

■ 67.2570, 36.8483,
-58.9844

■ 199.5050, 27.3590,
-48.6779

■ 50.7920, 32.1475,
-44.5446

■ 224.6120, 14.9813,
-45.2637

■ 35.0280, 27.5942,
-30.7196

■ 239.4520, 7.6652,
-31.9684

■ 20.5520, 22.8989,
-18.0241

■ 248.4220, 3.2430,
-13.5251

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 116.2290, 39.3271,
-60.7138

■ 116.2290, 39.3271,
-60.7138

■ 105.5530, 44.5904,
-68.8910

■ 126.9050, 34.0638,
-52.5367

■ 95.1760, 49.7062,
-76.4534

■ 137.2820, 28.9480,
-44.9743

■ 91.0230, 51.7537,
-79.8272

■ 147.9580, 23.6847,
-36.7972

■ 158.3350, 18.5688,
-29.2348

■ 168.4240, 13.5950,
-20.5428

■ 179.1000, 8.3317,
-12.3657

■ 189.4770, 3.2158,
-4.8033

■ 200.1530, -2.0474,
3.3738

■ 210.5300, -7.1633,
10.9362

Harmonies

Analogous

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



105.2760, 37.8249, -92.3271



116.2290, 39.3271, -60.7138



130.5450, 30.2973, -11.0020

Triad

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



116.2290, 39.3271, -60.7138



130.6650, -11.6668, 55.5448



119.4590, -16.4953, -29.3435

Complementary

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



116.2290, 39.3271, -60.7138



126.7710, -39.3271, 60.7138

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.



124.3290, -29.2492, 1.4655



116.2290, 39.3271, -60.7138



129.0540, -25.1696, 46.4336

Square

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



116.2290, 39.3271, -60.7138



132.7470, 4.0687, 48.4569



127.6850, -32.3827, 26.5863



106.1450, 6.3375, -72.9182

Rectangle

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



116.2290, 39.3271, -60.7138



133.4620, 22.9432, 14.5038



127.6850, -32.3827, 26.5863



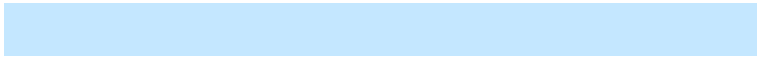
121.5590, -21.4746, -18.9072

Sweetspot

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



116.2290, 39.3271, -60.7138



223.2710, 15.6424, -23.9167



141.3030, -16.9114, -82.7037



108.4310, 9.6475, -14.4100



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



116.2290, 39.3271, -60.7138



131.0410, 61.1118, -94.7520



72.7910, 60.7420, -22.6187



91.6620, 2.6316, -4.0886



74.7060, 42.5429, -65.5172



15.5020, 8.6265, -13.5953

Inverse Universe

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



101.6970, 16.9114, 82.7037



108.2140, 26.5165, 128.7313



170.2090, -60.7420, 22.6187



90.6740, 1.1467, 5.5479



59.0830, 18.2001, 89.3812



12.1470, 3.8715, 18.2881

Previews

White Background



This preview shows how the YUV color 116.2290, 39.3271, -60.7138 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 116.2290, 39.3271, -60.7138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

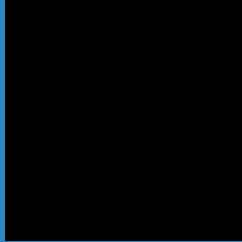
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.2290, 39.3271, -60.7138

Background



This preview shows how black text looks on a background with the YUV color 116.2290, 39.3271, -60.7138.

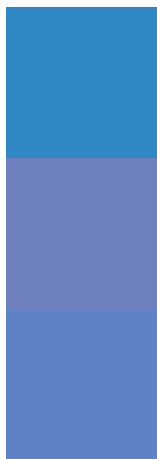


This preview shows how white text looks on a background with the YUV color 116.2290, 39.3271, -60.7138.

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

116.2290, 39.3271, -60.7138

Protanopia

128.5720, 29.2980, -17.1646

Deuteranopia

126.7000, 35.1509, -27.8009



Tritanopia

101.6110, 26.3208, -89.1128

Trichromacy



Original Color

116.2290, 39.3271, -60.7138

Protanomaly

123.7980, 33.1306, -33.1488

Deuteranomaly

123.2640, 36.3518, -39.6965

Tritanomaly

106.6430, 31.2350, -78.6169

Monochromacy



Original Color

116.2290, 39.3271, -60.7138

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9400, 14.3266, -21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2290, 39.3271, -60.7138 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(47, 136, 196)` looks like.

```
.text, #text, p{  
    color:rgb(47, 136, 196)  
}
```

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(47, 136, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 136, 196) }
```

Border

The CSS property to change the border of an element to YUV 116.2290, 39.3271, -60.7138 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(47, 136, 196) }
```


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

```
.border{ border-color:rgb(47, 136, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 136, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 136, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 136, 196);  
box-shadow:4px 4px 4px 4px rgb(47, 136,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 116.2290, 39.3271, -60.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 136, 196) }
```

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

```
.background{ background-color: rgb(47, 136,  
196) }
```

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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