

Converting Colors

YUV(116.0370, 33.9988,
-31.6044)

Have a look what the booklet for
YUV(116.0370, 33.9988, -31.6044)
contains.

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Color

**YUV(116.0370, 33.9988,
-31.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	5079B9
RGB	80, 121, 185
RGB Percent	31%, 47%, 73%
CMY	0.6863, 0.5255, 0.2745
CMYK	0.57, 0.35, 0.00, 0.27
HSL	217°, 43%, 52%
HSV	217°, 57%, 73%
XYZ	18.9026, 18.8830, 48.5475
YIQ	116.0370, -44.9800, 11.2120

Conversions

Conversions Part 2

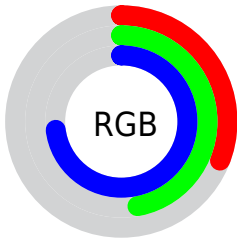
Format	Color
R _Y B	80, 109, 185
Decimal	5274041
CIE Lab	50.55, 5.00, -38.05
CIE LCh	51, 38.377, 277.485
Yxy	18.8830, 0.2189, 0.2187
Android (android.graphics.Color)	4283464121 (0xFF5079B9)
YUV	116.0370, 33.9988, -31.6044
Hunter-Lab	43.4546, 1.6014, -35.8206

Details

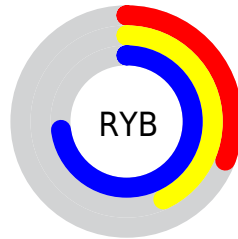
The YUV color **116.0370, 33.9988, -31.6044** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **148.9630, -33.9988, 31.6044**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6890, 35.1563, -29.5453**, and **60.4760, 34.7683, -45.1445** is the 20% darker color. If you saturate the color by 10%, you get **103.8990, 39.9828, -37.6224**, and if you desaturate by 10%, it is **128.1750, 28.0147, -25.5865**.

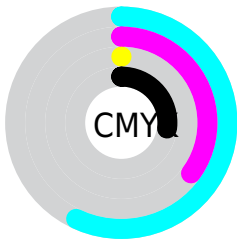
Distribution



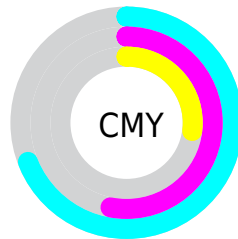
- Red (31%)
- Green (47%)
- Blue (73%)



- Red (31%)
- Yellow (43%)
- Blue (73%)



- Cyan (57%)
- Magenta (35%)
- Yellow (0%)
- Black (27%)



- Cyan (69%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.0370, 33.9988, -31.6044 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 116.0370, 33.9988, -31.6044 by changing the saturation by 10% instead.

■ 116.0370, 33.9988,
-31.6044

■ 116.0370, 33.9988,
-31.6044

■ 255.0000, 0.0000,
0.0000

■ 89.3140, 33.8622,
-34.4784

■ 169.6890, 35.1563,
-29.5453

■ 60.4760, 34.7683,
-45.1445

■ 195.8050, 29.1831,
-27.0160

■ 42.0210, 31.5416,
-36.8524

■ 220.6130, 16.9528,
-24.2166

■ 26.8440, 26.6989,
-23.5422

■ 245.1330, 4.8644,
-20.2876

■ 8.9600, 24.1767,
-7.8579

■ 254.1030, 0.4422,
-1.8443

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 116.0370, 33.9988,
-31.6044

■ 116.0370, 33.9988,
-31.6044

■ 103.8990, 39.9828,
-37.6224

■ 128.1750, 28.0147,
-25.5865

■ 91.4730, 46.1088,
-42.5108

■ 140.6010, 21.8887,
-20.6981

■ 79.3350, 52.0928,
-48.5288

■ 152.7390, 15.9047,
-14.6801

■ 67.4960, 57.9295,
-53.9320

■ 164.5780, 10.0680,
-9.2769

■ 63.3540, 59.9715,
-55.5615

■ 176.7160, 4.0840,
-3.2589

■ 189.1420, -2.0420,
1.6295

■ 201.2800, -8.0260,
7.6474

■ 213.1190,
-13.8627, 13.0506

■ 224.9580,
-19.6993, 18.4538

Harmonies

Analogous

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



96.8300, 41.0028, -84.9199



116.0370, 33.9988, -31.6044



123.6570, 23.8331, 9.0708

Triad

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



116.0370, 33.9988, -31.6044



120.0960, -18.7813, 50.7818



105.2100, -5.5265, -47.5422

Complementary

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



116.0370, 33.9988, -31.6044



148.9630, -33.9988, 31.6044

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.



112.9510, -22.6538, -13.9890



116.0370, 33.9988, -31.6044



119.2500, -29.2102, 35.7377

Square

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



116.0370, 33.9988, -31.6044



121.8910, -4.3833, 52.7156



116.5370, -31.3237, 13.5611



95.0110, 16.2636, -83.3246

Rectangle

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



116.0370, 33.9988, -31.6044



123.7260, 15.9111, 30.0583



116.5370, -31.3237, 13.5611



108.8650, -12.2584, -34.9616

Sweetspot

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



116.0370, 33.9988, -31.6044



213.0660, 13.2785, -12.3359



148.8170, -2.8678, -60.3525



104.0190, 7.8786, -7.0327



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.



116.0370, 33.9988, -31.6044



132.5630, 52.9664, -48.7288



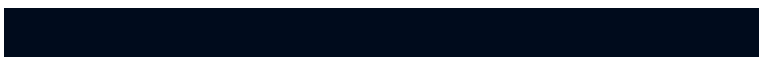
94.9600, 44.3897, -4.3499



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.



116.0690, 2.4310, 60.4525



132.9190, 3.4909, 93.9100



170.0400, -44.3897, 4.3499



86.0330, -0.0163, 5.2331



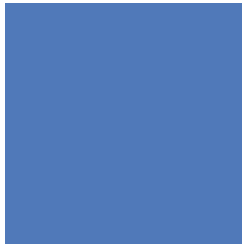
53.5980, 3.6492, 89.8066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 116.0370, 33.9988, -31.6044 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 116.0370, 33.9988, -31.6044 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 116.0370, 33.9988, -31.6044 Background



This preview shows how black text looks on a background with the YUV color 116.0370, 33.9988, -31.6044.

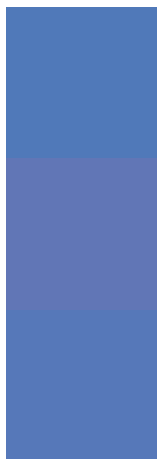


This preview shows how white text looks on a background with the YUV color 116.0370, 33.9988, -31.6044.

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

116.0370, 33.9988, -31.6044

Protanopia

119.0170, 31.0506, -19.3089

Deuteranopia

117.2440, 33.4037, -27.4010



Tritanopia

110.8080, 14.3917, -42.8046

Trichromacy



Original Color

116.0370, 33.9988, -31.6044

Protanomaly

117.9240, 32.0825, -23.6123

Deuteranomaly

116.6460, 33.6985, -28.6305

Tritanomaly

112.9640, 21.2167, -38.5564

Monochromacy



Original Color

116.0370, 33.9988, -31.6044

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1370, 12.2575, -11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.0370, 33.9988, -31.6044 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(80, 121, 185)` looks like.

```
.text, #text, p{  
    color:rgb(80, 121, 185)  
}
```

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(80, 121, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 121, 185) }
```

Border

The CSS property to change the border of an element to YUV 116.0370, 33.9988, -31.6044 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(80, 121, 185) }
```


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

```
.border{ border-color:rgb(80, 121, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 121, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 121, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 121, 185);  
box-shadow:4px 4px 4px 4px rgb(80, 121,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 116.0370, 33.9988, -31.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 121, 185) }
```

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

```
.background{ background-color: rgb(80, 121,  
185) }
```

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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