

Converting Colors

YUV(116.3630, 36.3030,
-23.9974)

Have a look what the booklet for
YUV(116.3630, 36.3030, -23.9974)
contains.

YUV(116.3630, 36.3030, -23.9974)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(116.3630, 36.3030,
-23.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	5974BE
RGB	89, 116, 190
RGB Percent	35%, 45%, 75%
CMY	0.6510, 0.5451, 0.2549
CMYK	0.53, 0.39, 0.00, 0.25
HSL	224°, 44%, 55%
HSV	224°, 53%, 75%
XYZ	19.6595, 18.3323, 51.2175
YIQ	116.3630, -39.8460, 17.2900

Conversions

Conversions Part 2

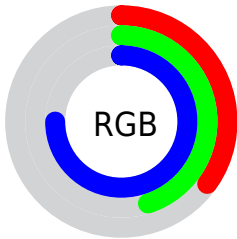
Format	Color
R _Y B	89, 110, 190
Decimal	5862590
CIE Lab	49.90, 11.66, -41.93
CIE LCh	50, 43.519, 285.541
Yxy	18.3323, 0.2204, 0.2055
Android (android.graphics.Color)	4284052670 (0xFF5974BE)
YUV	116.3630, 36.3030, -23.9974
Hunter-Lab	42.8163, 7.0314, -40.9523

Details

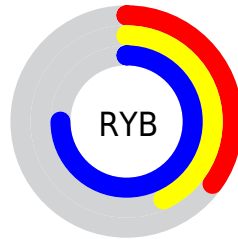
The YUV color **116.3630, 36.3030, -23.9974** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **162.6370, -36.3030, 23.9974**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1290, 37.8974, -22.0381**, and **63.4930, 35.7460, -32.0044** is the 20% darker color. If you saturate the color by 10%, you get **102.4640, 43.1552, -28.4709**, and if you desaturate by 10%, it is **130.2620, 29.4508, -19.5238**.

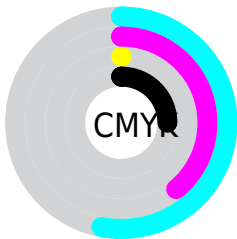
Distribution



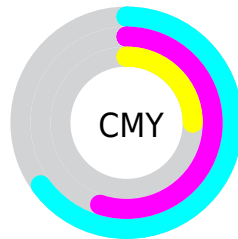
- Red (35%)
- Green (45%)
- Blue (75%)



- Red (35%)
- Yellow (43%)
- Blue (75%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.3630, 36.3030, -23.9974 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 116.3630, 36.3030, -23.9974 by changing the saturation by 10% instead.

■ 116.3630, 36.3030,
-23.9974

■ 116.3630, 36.3030,
-23.9974

255.0000, 0.0000,
0.0000

■ 90.5260, 35.7297,
-26.7713

■ 170.1290, 37.8974,
-22.0381

■ 63.4930, 35.7460,
-32.0044

■ 195.2620, 29.4508,
-19.5238

■ 40.1290, 34.4464,
-35.1931

■ 220.3690, 17.0731,
-16.1096

■ 25.5390, 29.3143,
-22.3977

■ 245.4760, 4.6953,
-12.6955

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 116.3630, 36.3030,
-23.9974

■ 116.3630, 36.3030,
-23.9974

■ 102.4640, 43.1552,
-28.4709

■ 130.2620, 29.4508,
-19.5238

■ 88.5650, 50.0075,
-32.9445

■ 144.1610, 22.5986,
-15.0502

■ 74.6660, 56.8597,
-37.4181

■ 158.0600, 15.7464,
-10.5766

■ 60.7670, 63.7119,
-41.8917

■ 171.9590, 8.8942,
-6.1030

■ 51.5970, 68.2327,
-45.2506

■ 185.8580, 2.0420,
-1.6295

■ 199.7570, -4.8102,
2.8441

■ 213.0690,
-11.3730, 7.8325

■ 226.9680,
-18.2252, 12.3061

■ 239.3720,
-24.3404, 13.7058

Harmonies

Analogous

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



96.7960, 45.9496, -84.8901



116.3630, 36.3030, -23.9974



122.4350, 23.9425, 20.6665

Triad

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



116.3630, 36.3030, -23.9974



117.2120, -24.7545, 53.3111



91.1180, 3.8858, -79.9105

Complementary

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



116.3630, 36.3030, -23.9974



162.6370, -36.3030, 23.9974

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.



107.9280, -21.1635, -25.3699



116.3630, 36.3030, -23.9974



115.7460, -34.8778, 33.5488

Square

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



116.3630, 36.3030, -23.9974



118.4960, -8.6255, 60.0780



113.2820, -34.6490, 6.7687



96.0370, 20.1948, -84.2244

Rectangle

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



116.3630, 36.3030, -23.9974



121.6350, 13.9839, 41.5391



113.2820, -34.6490, 6.7687



100.2260, -6.5204, -55.4492

Sweetspot

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



116.3630, 36.3030, -23.9974



218.3160, 14.1412, -9.0471



156.4950, 2.2210, -59.1931



107.8450, 8.4574, -6.0031



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



116.3630, 36.3030, -23.9974



131.6660, 56.8597, -37.4181



107.0920, 40.8736, 3.4273



87.2000, 3.3524, -1.9294



42.6660, 56.8597, -37.4181



8.2300, 11.2256, -7.2177

Inverse Universe

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



122.2770, -3.0946, 59.3931



141.0300, -4.9448, 92.9357



171.9080, -40.8736, -3.4273



87.9190, -0.4531, 5.3330



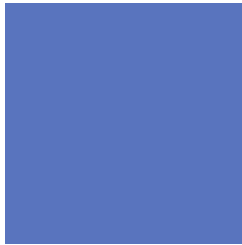
52.0300, -4.9448, 92.9357



10.1810, -1.0752, 18.2583

Previews

White Background



This preview shows how the YUV color 116.3630, 36.3030, -23.9974 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 116.3630, 36.3030, -23.9974 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 116.3630, 36.3030, -23.9974 Background



This preview shows how black text looks on a background with the YUV color 116.3630, 36.3030, -23.9974.



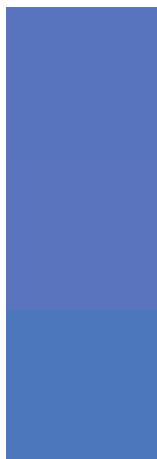
This preview shows how white text looks on a background with the YUV color 116.3630, 36.3030, -23.9974.

-23.9974.

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

116.3630, 36.3030, -23.9974

Protanopia

116.6620, 36.1556, -23.3826

Deuteranopia

114.4220, 36.7670, -32.8191



Tritanopia

111.3960, 12.6228, -35.4273

Trichromacy



Original Color

116.3630, 36.3030, -23.9974

Protanomaly

116.6620, 36.1556, -23.3826

Deuteranomaly

115.0310, 36.4667, -29.8452

Tritanomaly

113.3070, 21.0476, -30.9642

Monochromacy



Original Color

116.3630, 36.3030, -23.9974

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0880, 13.2676, -8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.3630, 36.3030, -23.9974 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(89, 116, 190)` looks like.

```
.text, #text, p{  
    color:rgb(89, 116, 190)  
}
```

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(89, 116, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 116, 190) }
```

Border

The CSS property to change the border of an element to YUV 116.3630, 36.3030, -23.9974 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(89, 116, 190) }
```


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

```
.border{ border-color:rgb(89, 116, 190) }
```

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

Here you see how a box with a 4 pixel rgb(89, 116, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 116, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 116, 190);  
box-shadow:4px 4px 4px 4px rgb(89, 116,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 116.3630, 36.3030, -23.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 116, 190) }
```

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

```
.background{ background-color: rgb(89, 116,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor