

Converting Colors

YUV(96.6790, 33.6823,
-23.3975)

Have a look what the booklet for
YUV(96.6790, 33.6823, -23.3975)
contains.

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Color

**YUV(96.6790, 33.6823,
-23.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	4661A5
RGB	70, 97, 165
RGB Percent	27%, 38%, 65%
CMY	0.7255, 0.6196, 0.3529
CMYK	0.58, 0.41, 0.00, 0.35
HSL	223°, 40%, 46%
HSV	223°, 58%, 65%
XYZ	13.5920, 12.5681, 37.3068
YIQ	96.6790, -37.9200, 15.4240

Conversions

Conversions Part 2

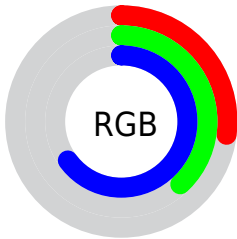
Format	Color
R_{YB}	70, 91, 165
Decimal	4612517
CIE _{Lab}	42.11, 11.01, -39.77
CIE _{LCh}	42, 41.266, 285.481
Yxy	12.5681, 0.2142, 0.1980
Android (android.graphics.Color)	4282802597 (0xFF4661A5)
YUV	96.6790, 33.6823, -23.3975
Hunter-Lab	35.4515, 6.3963, -37.5768

Details

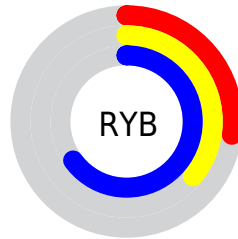
The YUV color **96.6790, 33.6823, -23.3975** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.3210, -33.6823, 23.3975**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7440, 35.1292, -20.8235**, and **42.8190, 34.5992, -37.5523** is the 20% darker color. If you saturate the color by 10%, you get **84.8510, 39.5135, -27.0563**, and if you desaturate by 10%, it is **108.5070, 27.8510, -19.7386**.

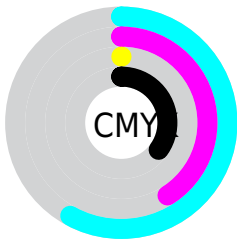
Distribution



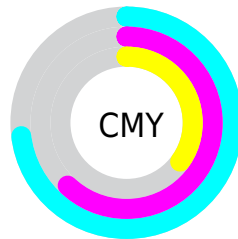
- Red (27%)
- Green (38%)
- Blue (65%)



- Red (27%)
- Yellow (36%)
- Blue (65%)



- Cyan (58%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (73%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6790, 33.6823, -23.3975 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 96.6790, 33.6823, -23.3975 by changing the saturation by 10% instead.

■ 96.6790, 33.6823,
-23.3975

■ 96.6790, 33.6823,
-23.3975

■ 255.0000, 0.0000,
0.0000

■ 70.5430, 33.2563,
-26.7862

■ 148.7440, 35.1292,
-20.8235

■ 42.8190, 34.5992,
-37.5523

■ 176.2710, 35.8554,
-20.4087

■ 28.2290, 29.4671,
-24.7568

■ 201.1760, 26.5352,
-17.6944

■ 10.2310, 26.5081,
-8.9726

■ 226.2830, 14.1575,
-14.2802

■ 6.4350, 17.0405,
-5.6435

■ 250.2160, 2.3585,
-9.8364

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 96.6790, 33.6823,
-23.3975

■ 96.6790, 33.6823,
-23.3975

■ 84.8510, 39.5135,
-27.0563

■ 108.5070, 27.8510,
-19.7386

■ 72.7240, 45.4921,
-31.3299

■ 120.6340, 21.8724,
-15.4650

■ 61.4830, 51.0339,
-35.5036

■ 132.1740, 16.1832,
-10.6766

■ 49.3560, 57.0125,
-39.7772

■ 144.0020, 10.3520,
-7.0178

■ 46.3990, 58.4703,
-40.6919

■ 156.1290, 4.3734,
-2.7441

■ 167.9570, -1.4578,
0.9147

■ 180.0840, -7.4364,
5.1883

■ 191.3250,
-12.9782, 9.3620

■ 203.1530,
-18.8094, 13.0208

Harmonies

Analogous

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



82.2060, 40.8174, -72.0947



96.6790, 33.6823, -23.3975



102.5550, 21.9114, 18.8073

Triad

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



96.6790, 33.6823, -23.3975



97.4610, -22.4123, 48.7077



76.7390, 2.1007, -67.3001

Complementary

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



96.6790, 33.6823, -23.3975



138.3210, -33.6823, 23.3975

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.



89.2810, -19.8585, -23.9254



96.6790, 33.6823, -23.3975



96.8920, -32.9778, 30.7897

Square

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



96.6790, 33.6823, -23.3975



98.4030, -7.5937, 55.7746



93.8520, -32.4650, 6.2688



81.3160, 17.0992, -71.3141

Rectangle

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



96.6790, 33.6823, -23.3975



101.6840, 12.9738, 38.8651



93.8520, -32.4650, 6.2688



79.9810, -4.9206, -55.2343

Sweetspot

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



96.6790, 33.6823, -23.3975



187.9740, 12.8308, -8.7472



133.4030, 1.7733, -55.6044



91.9160, 7.4364, -5.1883



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



96.6790, 33.6823, -23.3975



107.5260, 52.4917, -36.4183



86.5110, 38.6951, 2.1829



75.7870, 3.0630, -2.4442



40.5970, 51.4707, -35.6036



4.9870, 6.4154, -4.3736

Inverse Universe

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



101.4830, -2.2101, 55.7044



115.0400, -3.4707, 86.7879



148.4890, -38.6951, -2.1829



76.0330, -0.0163, 5.2331



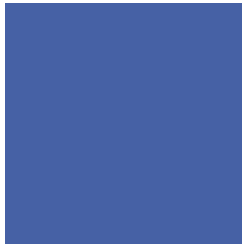
48.0290, -3.4653, 85.0436



5.9520, -0.4693, 10.5661

Previews

White Background



This preview shows how the YUV color 96.6790, 33.6823, -23.3975 looks on a white background.

Color Contrast Check

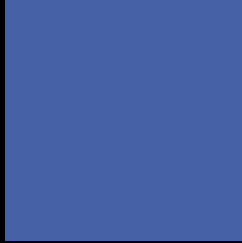
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.6790, 33.6823, -23.3975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

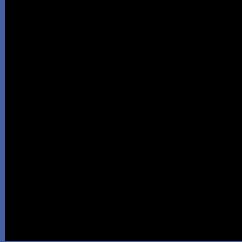
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.6790, 33.6823, -23.3975

Background



This preview shows how black text looks on a background with the YUV color 96.6790, 33.6823, -23.3975.



This preview shows how white text looks on a background with the YUV color 96.6790, 33.6823, -23.3975.

-23.3975.

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

96.6790, 33.6823, -23.3975

Protanopia

96.9780, 33.5348, -22.7827

Deuteranopia

94.1400, 34.4410, -33.4488



Tritanopia

91.5700, 12.0440, -36.4569

Trichromacy



Original Color

96.6790, 33.6823, -23.3975

Protanomaly

96.9780, 33.5348, -22.7827

Deuteranomaly

95.0480, 33.9933, -29.8601

Tritanomaly

93.3670, 20.0321, -31.8939

Monochromacy



Original Color

96.6790, 33.6823, -23.3975

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8600, 12.3940, -8.6472

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6790, 33.6823, -23.3975 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, 97, 165)` looks like.

```
.text, #text, p{  
    color:rgb(70, 97, 165)  
}
```

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, 97, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 97, 165) }
```

Border

The CSS property to change the border of an element to YUV 96.6790, 33.6823, -23.3975 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, 97, 165) }
```


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

```
.border{ border-color:rgb(70, 97, 165) }
```

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

Here you see how a box with a 4 pixel rgb(70, 97, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 97, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 97, 165);  
box-shadow:4px 4px 4px 4px rgb(70, 97,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 96.6790, 33.6823, -23.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 97, 165) }
```

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

```
.background{ background-color: rgb(70, 97,  
165) }
```

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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