

Converting Colors

YUV(102.1980, 23.0734,
-27.3606)

Have a look what the booklet for
YUV(102.1980, 23.0734, -27.3606)
contains.

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Color

**YUV(102.1980, 23.0734,
-27.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	476D95
RGB	71, 109, 149
RGB Percent	28%, 43%, 58%
CMY	0.7216, 0.5725, 0.4157
CMYK	0.52, 0.27, 0.00, 0.42
HSL	211°, 35%, 43%
HSV	211°, 52%, 58%
XYZ	13.4920, 14.4468, 30.5112
YIQ	102.1980, -35.4880, 4.3840

Conversions

Conversions Part 2

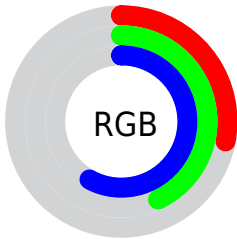
Format	Color
R_{YB}	71, 97, 149
Decimal	4681109
CIE _{Lab}	44.87, -1.53, -25.93
CIE _{LCh}	45, 25.979, 266.618
Yxy	14.4468, 0.2308, 0.2472
Android (android.graphics.Color)	4282871189 (0xFF476D95)
YUV	102.1980, 23.0734, -27.3606
Hunter-Lab	38.0089, -3.1537, -20.9880

Details

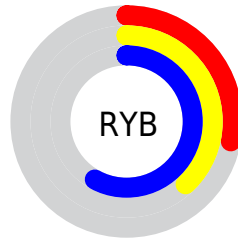
The YUV color **102.1980, 23.0734, -27.3606** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **117.8020, -23.0734, 27.3606**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1380, 24.0890, -26.4310**, and **50.8550, 23.2425, -34.9528** is the 20% darker color. If you saturate the color by 10%, you get **93.0170, 27.5996, -32.4639**, and if you desaturate by 10%, it is **111.3790, 18.5472, -22.2574**.

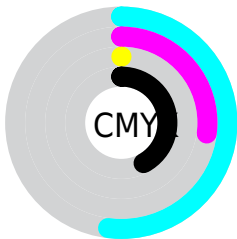
Distribution



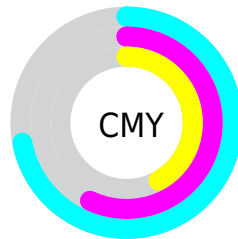
- Red (28%)
- Green (43%)
- Blue (58%)



- Red (28%)
- Yellow (38%)
- Blue (58%)



- Cyan (52%)
- Magenta (27%)
- Yellow (0%)
- Black (42%)



- Cyan (72%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.1980, 23.0734, -27.3606 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 102.1980, 23.0734, -27.3606 by changing the saturation by 10% instead.

■ 102.1980, 23.0734,
-27.3606

■ 102.1980, 23.0734,
-27.3606

■ 255.0000, 0.0000,
0.0000

■ 77.0730, 22.6420,
-29.0050

■ 154.1380, 24.0890,
-26.4310

■ 50.8550, 23.2425,
-34.9528

■ 181.2520, 24.5258,
-26.5310

■ 31.9160, 20.7474,
-27.9903

■ 208.7960, 22.7786,
-26.1311

■ 17.5540, 16.4889,
-15.3949

■ 233.6040, 10.5482,
-23.3317

■ 4.5940, 12.5252,
-4.0289

■ 249.3190, 2.8007,
-11.6808

■ 0.0000, 0.0000,
0.0000

■ 102.1980, 23.0734,
-27.3606

■ 102.1980, 23.0734,
-27.3606

■ 93.0170, 27.5996,
-32.4639

■ 111.3790, 18.5472,
-22.2574

■ 84.4230, 31.8365,
-38.0820

■ 119.9730, 14.3103,
-16.6393

■ 75.2420, 36.3627,
-43.1852

■ 129.1540, 9.7841,
-11.5361

■ 66.0610, 40.8889,
-48.2885

■ 138.3350, 5.2578,
-6.4328

■ 59.8370, 43.9574,
-52.4770


■ 146.9290, 1.0210,
-0.8147

■ 155.8110, -3.3578,
3.6738

■ 164.4050, -7.5947,
9.2918

■ 173.5860,

-12.1209, 14.3951

 182.7670,
-16.6471, 19.4983

Harmonies

Analogous

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



93.8590, 23.7335, -52.4963



102.1980, 23.0734, -27.3606



107.2120, 18.6295, -1.9399

Triad

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



102.1980, 23.0734, -27.3606



107.7010, -9.7126, 35.3422



99.2780, -8.5181, -21.2918

Complementary

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



102.1980, 23.0734, -27.3606



117.8020, -23.0734, 27.3606

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.



102.9940, -17.7450, -1.7487



102.1980, 23.0734, -27.3606



106.8930, -17.6952, 29.0348

Square

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



102.1980, 23.0734, -27.3606



108.9100, 0.0444, 32.5279



105.0070, -20.7095, 15.7799



95.0610, 3.9139, -42.1495

Rectangle

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



102.1980, 23.0734, -27.3606



108.9320, 13.3445, 13.2146



105.0070, -20.7095, 15.7799



100.6980, -12.1761, -14.6441

Sweetspot

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



102.1980, 23.0734, -27.3606



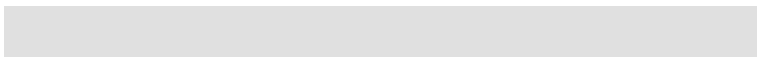
175.3390, 9.1999, -10.8213



121.2320, -5.5374, -44.0535



85.4490, 5.6946, -6.5328



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



102.1980, 23.0734, -27.3606



120.5410, 36.2153, -42.5705



79.8920, 34.0702, -7.7983



69.5590, 2.1894, -2.2442



55.0610, 40.8889, -48.2885



4.0750, 2.9210, -3.5738

Inverse Universe

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



98.6540, 5.1006, 44.1534



115.2040, 7.7874, 69.1041



140.1080, -34.0702, 7.7983



69.4350, 0.2785, 4.0035



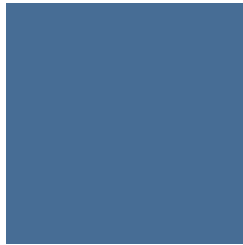
48.9000, 8.9233, 78.1407



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 102.1980, 23.0734, -27.3606 looks on a white background.

Color Contrast Check

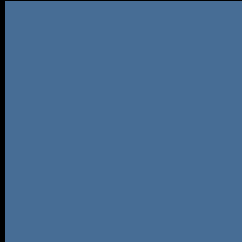
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.1980, 23.0734, -27.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

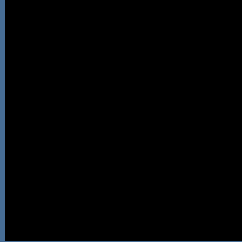
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.1980, 23.0734, -27.3606

Background



This preview shows how black text looks on a background with the YUV color 102.1980, 23.0734, -27.3606.



This preview shows how white text looks on a background with the YUV color 102.1980, 23.0734, -27.3606.

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

102.1980, 23.0734, -27.3606

Protanopia

105.6840, 19.3828, -10.2469

Deuteranopia

105.6450, 21.8670, -13.7207



Tritanopia

99.4780, 11.5963, -32.8682

Trichromacy



Original Color

102.1980, 23.0734, -27.3606

Protanomaly

104.5800, 20.4201, -16.2947

Deuteranomaly

104.1390, 22.6095, -18.5389

Tritanomaly

100.2270, 15.6641, -30.8941

Monochromacy



Original Color

102.1980, 23.0734, -27.3606

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.4100, 8.1789, -10.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.1980, 23.0734, -27.3606 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(71, 109, 149)` looks like.

```
.text, #text, p{  
    color:rgb(71, 109, 149)  
}
```

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(71, 109, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 109, 149) }
```

Border

The CSS property to change the border of an element to YUV 102.1980, 23.0734, -27.3606 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(71, 109, 149) }
```


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

```
.border{ border-color:rgb(71, 109, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 109, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 109, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 109, 149);  
box-shadow:4px 4px 4px 4px rgb(71, 109,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 102.1980, 23.0734, -27.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 109, 149) }
```

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

```
.background{ background-color: rgb(71, 109,  
149) }
```

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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