

Converting Colors

YUV(111.0240, 23.6522,
-26.3310)

Have a look what the booklet for
YUV(111.0240, 23.6522, -26.3310)
contains.

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Color

**YUV(111.0240, 23.6522,
-26.3310)**

Conversions

Conversions Part 1

Format	Color
Hex	51759F
RGB	81, 117, 159
RGB Percent	32%, 46%, 62%
CMY	0.6824, 0.5412, 0.3765
CMYK	0.49, 0.26, 0.00, 0.38
HSL	212°, 32%, 47%
HSV	212°, 49%, 62%
XYZ	16.0126, 16.9751, 35.2335
YIQ	111.0240, -34.9380, 5.4300

Conversions

Conversions Part 2

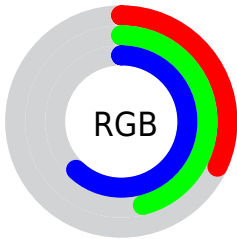
Format	Color
R _Y B	81, 106, 159
Decimal	5338527
CIE Lab	48.23, -0.70, -26.57
CIE LCh	48, 26.578, 268.495
Yxy	16.9751, 0.2347, 0.2488
Android (android.graphics.Color)	4283528607 (0xFF51759F)
YUV	111.0240, 23.6522, -26.3310
Hunter-Lab	41.2009, -2.7278, -21.8620

Details

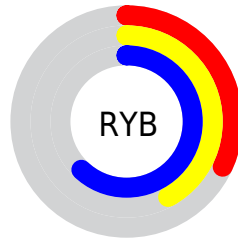
The YUV color **111.0240, 23.6522, -26.3310** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.9760, -23.6522, 26.3310**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6650, 24.8152, -26.0162**, and **60.1760, 23.0842, -30.8494** is the 20% darker color. If you saturate the color by 10%, you get **100.9570, 28.6152, -31.5343**, and if you desaturate by 10%, it is **121.0910, 18.6891, -21.1278**.

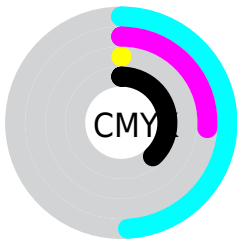
Distribution



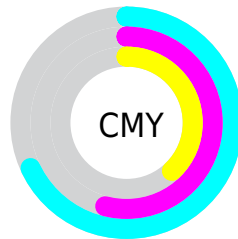
- Red (32%)
- Green (46%)
- Blue (62%)



- Red (32%)
- Yellow (42%)
- Blue (62%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (38%)



- Cyan (68%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.0240, 23.6522, -26.3310 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 111.0240, 23.6522, -26.3310 by changing the saturation by 10% instead.

■ 111.0240, 23.6522,
-26.3310

■ 111.0240, 23.6522,
-26.3310

■ 255.0000, 0.0000,
0.0000

■ 85.3120, 23.5102,
-27.4606

■ 163.6650, 24.8152,
-26.0162

■ 60.1760, 23.0842,
-30.8494

■ 191.0780, 25.1045,
-25.5014

■ 37.0510, 22.6529,
-32.4937

■ 217.3680, 18.5526,
-24.0017

■ 22.6890, 18.3943,
-19.8983

■ 242.7630, 6.0328,
-21.7172

■ 5.5060, 16.0195,
-4.8288

■ 252.6080, 1.1793,
-4.9182

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 111.0240, 23.6522,
-26.3310

■ 111.0240, 23.6522,
-26.3310

■ 100.9570, 28.6152,
-31.5343

■ 121.0910, 18.6891,
-21.1278

■ 91.4770, 33.2888,
-37.2523

■ 130.5710, 14.0155,
-15.4098

■ 81.4100, 38.2519,
-42.4556

■ 140.6380, 9.0525,
-10.2065

■ 71.9300, 42.9255,
-48.1736

■ 150.1180, 4.3788,
-4.4885

■ 61.8630, 47.8885,
-53.3769

■ 160.1850, -0.5842,
0.7148

■ 60.9770, 48.3253,
-53.4768

■ 169.3660, -5.1104,
5.8180

■ 179.4330,
-10.0735, 11.0213

■ 188.9130,
-14.7471, 16.7393

■ 198.9800,
-19.7101, 21.9425

Harmonies

Analogous

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



102.9840, 24.1649, -50.8520



111.0240, 23.6522, -26.3310



116.2230, 18.6241, -0.1956

Triad

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



111.0240, 23.6522, -26.3310



116.0710, -10.8810, 36.7717



107.2670, -8.5126, -23.0362

Complementary

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



111.0240, 23.6522, -26.3310



128.9760, -23.6522, 26.3310

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.



110.8690, -18.1764, -3.3931



111.0240, 23.6522, -26.3310



114.6650, -18.5688, 29.2348

Square

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



111.0240, 23.6522, -26.3310



116.9210, 0.0389, 34.2723



113.3660, -21.8724, 15.4650



102.9790, 4.9404, -44.7086

Rectangle

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



111.0240, 23.6522, -26.3310



117.5300, 13.0497, 14.4442



113.3660, -21.8724, 15.4650



108.6870, -12.1707, -16.3885

Sweetspot

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



111.0240, 23.6522, -26.3310



187.7520, 9.4893, -10.3065



131.5740, -4.2270, -44.3534



92.8620, 5.9840, -6.0180



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



111.0240, 23.6522, -26.3310



131.7800, 37.0835, -41.0261



90.7890, 33.6280, -5.9540



74.2600, 2.3368, -2.8590



55.0440, 43.3623, -48.2736



5.8190, 4.5262, -5.1033

Inverse Universe

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



108.4260, 4.2270, 44.3534



127.8620, 6.4770, 69.4040



149.2110, -33.6280, 5.9540



73.8480, 0.5679, 4.5183



50.2810, 7.7495, 81.3146



5.2830, 0.8465, 8.5218

Previews

White Background



This preview shows how the YUV color 111.0240, 23.6522, -26.3310 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 111.0240, 23.6522, -26.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

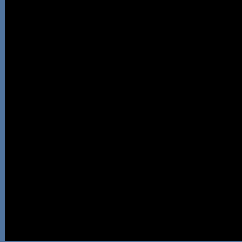
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.0240, 23.6522, -26.3310

Background



This preview shows how black text looks on a background with the YUV color 111.0240, 23.6522, -26.3310.

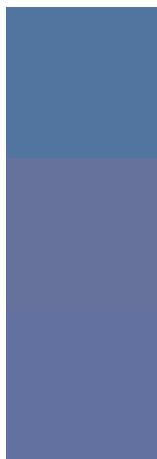


This preview shows how white text looks on a background with the YUV color 111.0240, 23.6522, -26.3310.

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

111.0240, 23.6522, -26.3310

Protanopia

114.6130, 20.4038, -11.0616

Deuteranopia

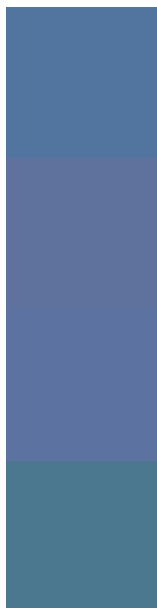
113.8730, 22.7406, -13.9206



Tritanopia

108.1900, 11.7383, -31.7386

Trichromacy



Original Color

111.0240, 23.6522, -26.3310

Protanomaly

112.9220, 21.7305, -16.5946

Deuteranomaly

112.6660, 23.3357, -18.1241

Tritanomaly

109.0530, 16.2429, -29.8645

Monochromacy



Original Color

111.0240, 23.6522, -26.3310

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

110.8230, 8.4683, -9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.0240, 23.6522, -26.3310 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(81, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(81, 117, 159)  
}
```

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(81, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 117, 159) }
```

Border

The CSS property to change the border of an element to YUV 111.0240, 23.6522, -26.3310 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(81, 117, 159) }
```


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

```
.border{ border-color:rgb(81, 117, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 117, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 117, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 117, 159);  
box-shadow:4px 4px 4px 4px rgb(81, 117,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 111.0240, 23.6522, -26.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 117, 159) }
```

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

```
.background{ background-color: rgb(81, 117,  
159) }
```

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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