

Converting Colors

YUV(103.7680, 11.9464,
-5.0585)

Have a look what the booklet for
YUV(103.7680, 11.9464, -5.0585)
contains.

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Color

**YUV(103.7680, 11.9464,
-5.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	626680
RGB	98, 102, 128
RGB Percent	38%, 40%, 50%
CMY	0.6157, 0.6000, 0.4980
CMYK	0.23, 0.20, 0.00, 0.50
HSL	232°, 13%, 44%
HSV	232°, 23%, 50%
XYZ	13.6847, 13.6579, 22.3371
YIQ	103.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

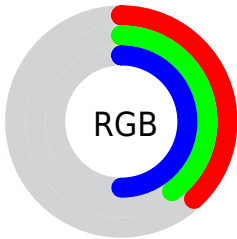
Format	Color
R_{YB}	98, 102, 128
Decimal	6448768
CIE _{Lab}	43.74, 4.57, -14.96
CIE _{LCh}	44, 15.640, 286.981
Yxy	13.6579, 0.2755, 0.2749
Android (android.graphics.Color)	4284638848 (0xFF626680)
YUV	103.7680, 11.9464, -5.0585
Hunter-Lab	36.9566, 1.4226, -9.9660

Details

The YUV color **103.7680, 11.9464, -5.0585** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122.2320, -11.9464, 5.0585**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.9960, 12.8200, -5.2585**, and **56.5400, 11.0728, -4.8586** is the 20% darker color. If you saturate the color by 10%, you get **93.4240, 17.0460, -7.3878**, and if you desaturate by 10%, it is **114.1120, 6.8468, -2.7292**.

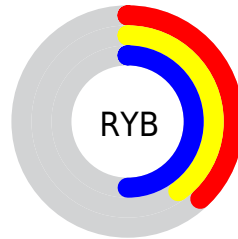
Distribution



Red (38%)

Green (40%)

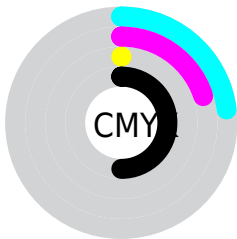
Blue (50%)



Red (38%)

Yellow (40%)

Blue (50%)

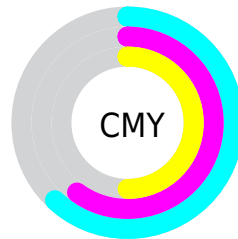


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (50%)



Cyan (62%)

Magenta (60%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.7680, 11.9464, -5.0585 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 103.7680, 11.9464, -5.0585 by changing the saturation by 10% instead.

■ 103.7680, 11.9464,
-5.0585

■ 103.7680, 11.9464,
-5.0585

■ 255.0000, 0.0000,
0.0000

■ 79.6540, 11.5096,
-4.9586

■ 154.9960, 12.8200,
-5.2585

■ 56.5400, 11.0728,
-4.8586

■ 181.9960, 12.8200,
-5.2585

■ 35.0130, 10.3466,
-5.2734

■ 209.5230, 13.5462,
-4.8437

■ 13.0130, 10.3466,
-5.2734

■ 236.3830, 9.1782,
-3.8439

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 103.7680, 11.9464,
-5.0585

■ 103.7680, 11.9464,
-5.0585

■ 93.4240, 17.0460,
-7.3878

■ 114.1120, 6.8468,
-2.7292

■ 83.0800, 22.1456,
-9.7172

■ 124.4560, 1.7472,
-0.3999

■ 73.0350, 27.0977,
-11.4317

■ 134.5010, -3.2050,
1.3146

■ 62.6910, 32.1973,
-13.7610

■ 144.8450, -8.3046,
3.6439

■ 52.3470, 37.2969,
-16.0903

■ 155.1890,
-13.4042, 5.9732

■ 41.4160, 42.6859,
-17.9048

■ 166.1200,
-18.7932, 7.7878

■ 31.0720, 47.7855,
-20.2341

■ 176.4640,
-23.8928, 10.1171

■ 24.5710, 50.9905,

■ 186.5090,

-21.5488

-28.8449, 11.8316

■ 196.8530,
-33.9445, 14.1609

Harmonies

Analogous

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



101.0330, 13.2947, -17.5689



103.7680, 11.9464, -5.0585



105.4060, 7.6878, 7.5369

Triad

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



103.7680, 11.9464, -5.0585



104.6020, -9.6638, 19.6430



98.6510, -0.8139, -18.9879

Complementary

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



103.7680, 11.9464, -5.0585



122.2320, -11.9464, 5.0585

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.



100.2950, -7.5404, -8.1517



103.7680, 11.9464, -5.0585



103.4610, -12.5523, 12.7507

Square

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



103.7680, 11.9464, -5.0585



104.9920, -4.4331, 21.9320



101.9220, -11.7935, 2.6994



98.0290, 5.9017, -26.3354

Rectangle

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



103.7680, 11.9464, -5.0585



105.5380, 4.1718, 15.3142



101.9220, -11.7935, 2.6994



99.3910, -3.1508, -16.1289

Sweetspot

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



103.7680, 11.9464, -5.0585



156.5420, 4.6628, -2.2293



118.5740, 2.6750, -18.0434



78.3850, 2.7682, -1.2146



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



103.7680, 11.9464, -5.0585



128.4670, 18.5038, -8.3026



104.7090, 11.4825, 3.7632



58.3850, 2.7682, -1.2146



24.5710, 50.9905, -21.5488



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.4260, -2.6750, 18.0434



133.8510, -3.8705, 28.1947



121.2910, -11.4825, -3.7632



59.2070, -0.5951, 4.2035



40.2100, -11.4425, 76.9918



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.7680, 11.9464, -5.0585 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 103.7680, 11.9464, -5.0585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

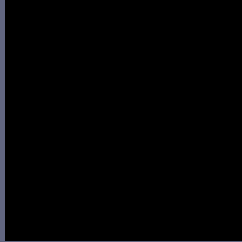
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.7680, 11.9464, -5.0585

Background



This preview shows how black text looks on a background with the YUV color 103.7680, 11.9464, -5.0585.



This preview shows how white text looks on a background with the YUV color 103.7680, 11.9464, -5.0585.

-5.0585.

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

103.7680, 11.9464, -5.0585

Protanopia

103.4690, 12.0938, -5.6733

Deuteranopia

104.0780, 11.7935, -2.6994



Tritanopia

102.9220, 4.9685, -6.9476

Trichromacy



Original Color

103.7680, 11.9464, -5.0585

Protanomaly

103.4690, 12.0938, -5.6733

Deuteranomaly

103.7790, 11.9410, -3.3142

Tritanomaly

103.2040, 7.2944, -6.3179

Monochromacy



Original Color

103.7680, 11.9464, -5.0585

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.7680, 11.9464, -5.0585 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(98, 102, 128)` looks like.

```
.text, #text, p{  
    color:rgb(98, 102, 128)  
}
```

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(98, 102, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 102, 128) }
```

Border

The CSS property to change the border of an element to YUV 103.7680, 11.9464, -5.0585 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(98, 102, 128) }
```


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

```
.border{ border-color:rgb(98, 102, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 102, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 102, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 102, 128);  
box-shadow:4px 4px 4px 4px rgb(98, 102,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 103.7680, 11.9464, -5.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 102, 128) }
```

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

```
.background{ background-color: rgb(98, 102,  
128) }
```

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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