

Converting Colors

YUV(116.7070, 10.9904,
-25.1760)

Have a look what the booklet for
YUV(116.7070, 10.9904, -25.1760)
contains.

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Color

**YUV(116.7070, 10.9904,
-25.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	587F8B
RGB	88, 127, 139
RGB Percent	35%, 50%, 55%
CMY	0.6549, 0.5020, 0.4549
CMYK	0.37, 0.09, 0.00, 0.45
HSL	194°, 22%, 45%
HSV	194°, 37%, 55%
XYZ	16.2741, 19.1175, 27.2584
YIQ	116.7070, -27.0960, -4.5360

Conversions

Conversions Part 2

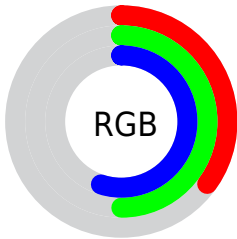
Format	Color
R_{YB}	88, 110, 139
Decimal	5799819
CIE _{Lab}	50.82, -10.39, -10.84
CIE _{LCh}	51, 15.013, 226.198
Yxy	19.1175, 0.2598, 0.3051
Android (android.graphics.Color)	4283989899 (0xFF587F8B)
YUV	116.7070, 10.9904, -25.1760
Hunter-Lab	43.7236, -10.0780, -6.3564

Details

The YUV color **116.7070, 10.9904, -25.1760** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **110.2930, -10.9904, 25.1760**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4080, 11.1379, -25.7908**, and **67.2940, 10.7011, -25.6908** is the 20% darker color. If you saturate the color by 10%, you get **110.7600, 13.9223, -32.2385**, and if you desaturate by 10%, it is **122.6540, 8.0586, -18.1136**.

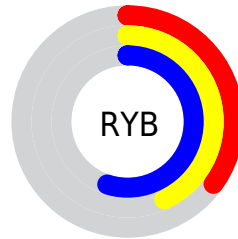
Distribution



Red (35%)

Green (50%)

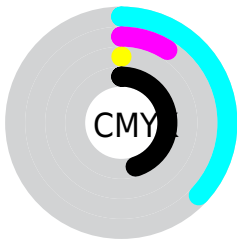
Blue (55%)



Red (35%)

Yellow (43%)

Blue (55%)

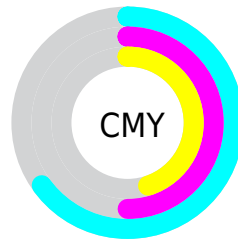


Cyan (37%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (65%)

Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7070, 10.9904, -25.1760 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 116.7070, 10.9904, -25.1760 by changing the saturation by 10% instead.

■ 116.7070, 10.9904,
-25.1760

■ 116.7070, 10.9904,
-25.1760

■ 255.0000, 0.0000,
0.0000

■ 91.7070, 10.9904,
-25.1760

■ 169.4080, 11.1379,
-25.7908

■ 67.2940, 10.7011,
-25.6908

■ 196.5220, 11.5747,
-25.8908

■ 43.0980, 11.2907,
-28.1499

■ 224.9240, 11.8695,
-27.1203

■ 24.9740, 9.3798,
-21.9022

■ 245.4320, 4.7170,
-19.6729

■ 6.8450, 8.4574,
-6.0031

■ 254.1030, 0.4422,
-1.8443

■ 0.0000, 0.0000,
0.0000

■ 116.7070, 10.9904,
-25.1760

■ 116.7070, 10.9904,
-25.1760

■ 110.7600, 13.9223,
-32.2385

■ 122.6540, 8.0586,
-18.1136

■ 104.2260, 17.1436,
-38.7862

■ 129.1880, 4.8373,
-11.5659

■ 98.2790, 20.0755,
-45.8487

■ 135.1350, 1.9054,
-4.5034

■ 92.3320, 23.0073,
-52.9112

■ 141.0820, -1.0264,
2.5591

■ 86.6840, 25.7918,
-59.3589

■ 147.0290, -3.9583,
9.6216

■ 80.1500, 29.0130,
-65.9066


■ 153.2640, -7.0322,
15.5545

■ 78.0680, 30.0395,
-68.4656

■ 159.2110, -9.9640,
22.6170

■ 165.1580,

-12.8959, 29.6794

 171.1050,
-15.8278, 36.7419

Harmonies

Analogous

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



115.7410, 6.0437, -25.2059



116.7070, 10.9904, -25.1760



119.0330, 13.2947, -17.5689

Triad

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



116.7070, 10.9904, -25.1760



123.5660, 1.6930, 17.0436



119.6340, -11.6516, 3.8290

Complementary

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



116.7070, 10.9904, -25.1760



110.2930, -10.9904, 25.1760

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.



120.8740, -12.2629, 13.2655



116.7070, 10.9904, -25.1760



122.9920, -4.4331, 21.9320

Square

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



116.7070, 10.9904, -25.1760



123.4060, 7.6878, 7.5369



122.0150, -9.3744, 20.1578



118.2950, -7.5404, -8.1517

Rectangle

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



116.7070, 10.9904, -25.1760



120.5610, 12.5414, -9.2620



122.0150, -9.3744, 20.1578



120.2430, -11.9518, 6.8029

Sweetspot

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



116.7070, 10.9904, -25.1760



172.0850, 4.3951, -9.7215



119.3050, -9.5174, -27.4545



86.6510, 2.6371, -5.8329



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.7070, 10.9904, -25.1760



145.9270, 17.2910, -39.4010



102.0320, 18.2252, -12.3061



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Inverse Universe

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



107.6950, 9.5174, 27.4545



131.8740, 14.8521, 43.0835



124.9680, -18.2252, 12.3061



64.6630, 1.1521, 3.8035



51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 116.7070, 10.9904, -25.1760 looks on a white 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

Black Background



This preview shows how the YUV color 116.7070, 10.9904, -25.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

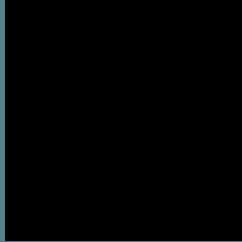
Any Text WCAG AA ✓ Pass

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 116.7070, 10.9904, -25.1760 Background



This preview shows how black text looks on a background with the YUV color 116.7070, 10.9904, -25.1760.



This preview shows how white text looks on a background with the YUV color 116.7070, 10.9904, -25.1760.

-25.1760.

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

116.7070, 10.9904, -25.1760

Protanopia

121.2970, 6.2626, -2.0145

Deuteranopia

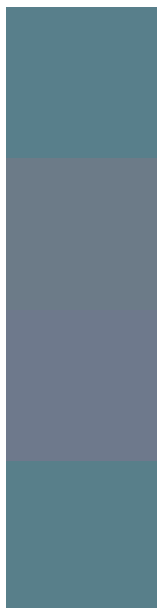
122.1170, 9.3093, 0.7744



Tritanopia

116.4790, 10.1169, -24.9761

Trichromacy



Original Color

116.7070, 10.9904, -25.1760

Protanomaly

119.9970, 7.8895, -10.5214

Deuteranomaly

119.8770, 9.9206, -8.6621

Tritanomaly

116.5930, 10.5537, -25.0761

Monochromacy



Original Color

116.7070, 10.9904, -25.1760

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.9710, 3.9583, -9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7070, 10.9904, -25.1760 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(88, 127, 139)` looks like.

```
.text, #text, p{  
    color:rgb(88, 127, 139)  
}
```

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(88, 127, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 127, 139) }
```

Border

The CSS property to change the border of an element to YUV 116.7070, 10.9904, -25.1760 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(88, 127, 139) }
```


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

```
.border{ border-color:rgb(88, 127, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 127, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 127, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 127, 139);  
box-shadow:4px 4px 4px 4px rgb(88, 127,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 116.7070, 10.9904, -25.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 127, 139) }
```

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

```
.background{ background-color: rgb(88, 127,  
139) }
```

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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