

Converting Colors

YUV(104.4350, 13.5895,
-18.7985)

Have a look what the booklet for
YUV(104.4350, 13.5895, -18.7985)
contains.

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Color

**YUV(104.4350, 13.5895,
-18.7985)**

Conversions

Conversions Part 1

Format	Color
Hex	536E84
RGB	83, 110, 132
RGB Percent	33%, 43%, 52%
CMY	0.6745, 0.5686, 0.4824
CMYK	0.37, 0.17, 0.00, 0.48
HSL	207°, 23%, 42%
HSV	207°, 37%, 52%
XYZ	13.3081, 14.6568, 23.9574
YIQ	104.4350, -23.1540, 1.1180

Conversions

Conversions Part 2

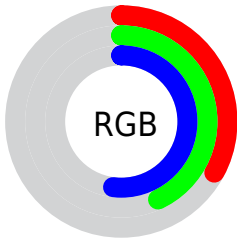
Format	Color
R _Y B	83, 100, 132
Decimal	5467780
CIE Lab	45.16, -3.99, -15.29
CIE LCh	45, 15.804, 255.382
Yxy	14.6568, 0.2563, 0.2823
Android (android.graphics.Color)	4283657860 (0xFF536E84)
YUV	104.4350, 13.5895, -18.7985
Hunter-Lab	38.2842, -4.9485, -10.3035

Details

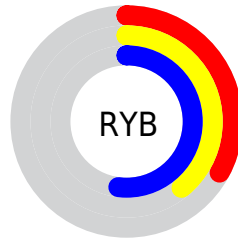
The YUV color **104.4350, 13.5895, -18.7985** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.5650, -13.5895, 18.7985**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6630, 14.4631, -18.9985**, and **56.4950, 12.5740, -19.7281** is the 20% darker color. If you saturate the color by 10%, you get **97.0260, 17.2422, -23.7018**, and if you desaturate by 10%, it is **111.8440, 9.9369, -13.8952**.

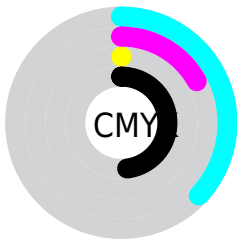
Distribution



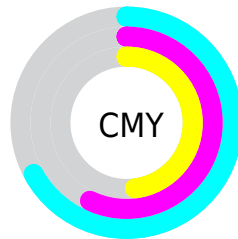
- Red (33%)
- Green (43%)
- Blue (52%)



- Red (33%)
- Yellow (39%)
- Blue (52%)



- Cyan (37%)
- Magenta (17%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (57%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.4350, 13.5895, -18.7985 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 104.4350, 13.5895, -18.7985 by changing the saturation by 10% instead.

■ 104.4350, 13.5895,
-18.7985

■ 104.4350, 13.5895,
-18.7985

■ 255.0000, 0.0000,
0.0000

■ 80.3210, 13.1527,
-18.6985

■ 155.6630, 14.4631,
-18.9985

■ 56.4950, 12.5740,
-19.7281

■ 183.3640, 14.6105,
-19.6132

■ 33.1850, 12.7268,
-22.0872

■ 210.4780, 15.0473,
-19.7132

■ 16.0720, 10.8105,
-14.0951

■ 237.4690, 8.6428,
-18.8283

■ 2.4110, 6.6994,
-2.1144

■ 252.0100, 1.4741,
-6.1478

■ 0.0000, 0.0000,
0.0000

■ 104.4350, 13.5895,
-18.7985

■ 104.4350, 13.5895,
-18.7985

■ 97.0260, 17.2422,
-23.7018

■ 111.8440, 9.9369,
-13.8952

■ 89.6170, 20.8948,
-28.6051

■ 119.2530, 6.2843,
-8.9919

■ 81.9090, 24.6949,
-34.1232

■ 126.9610, 2.4842,
-3.4738

■ 74.5000, 28.3475,
-39.0265

■ 134.3700, -1.1684,
1.4295

■ 67.0910, 32.0001,
-43.9298

■ 141.7790, -4.8210,
6.3328

■ 59.6820, 35.6528,
-48.8331


■ 149.1880, -8.4737,
11.2361

■ 57.8990, 36.5318,
-50.7774

■ 156.0100,
-11.8369, 16.6542

■ 163.7180,

-15.6370, 22.1723

 171.1270,
-19.2896, 27.0756

Harmonies

Analogous

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



101.8100, 11.4327, -27.0204



104.4350, 13.5895, -18.7985



107.1700, 12.2412, -6.2881

Triad

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



104.4350, 13.5895, -18.7985



108.9920, -4.4331, 21.9320



104.1810, -7.9772, -8.0517

Complementary

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



104.4350, 13.5895, -18.7985



110.5650, -13.5895, 18.7985

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.



105.5200, -12.0884, 3.9290



104.4350, 13.5895, -18.7985



108.3140, -9.5218, 20.7726

Square

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



104.4350, 13.5895, -18.7985



109.0930, 2.4192, 17.4584



107.1730, -12.4103, 13.8803



102.2380, -1.1033, -19.5027

Rectangle

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



104.4350, 13.5895, -18.7985



108.5410, 9.5933, 3.0335



107.1730, -12.4103, 13.8803



104.7470, -9.7353, -4.1631

Sweetspot

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



104.4350, 13.5895, -18.7985



160.0360, 5.4053, -7.0476



114.1570, -5.0074, -27.3247



80.4770, 3.2158, -4.8033



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



104.4350, 13.5895, -18.7985



127.4320, 21.4790, -29.3199



90.3470, 20.5349, -6.4433



62.4450, 1.7526, -2.1443



57.0840, 35.9476, -50.0627



0.9290, 1.0210, -0.8147

Inverse Universe

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



100.7290, 4.5706, 27.4247



121.8110, 6.9952, 43.1388



124.6530, -20.5349, 6.4433



62.1360, 0.4260, 3.3887



47.0780, 12.2865, 72.7226



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 104.4350, 13.5895, -18.7985 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 104.4350, 13.5895, -18.7985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

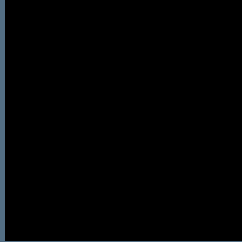
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

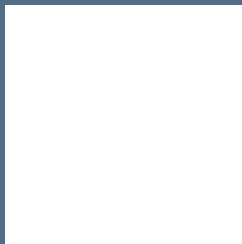
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 104.4350, 13.5895, -18.7985

Background



This preview shows how black text looks on a background with the YUV color 104.4350, 13.5895, -18.7985.



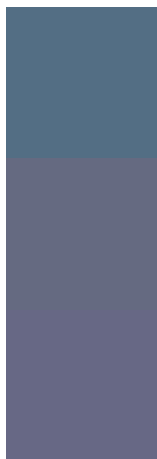
This preview shows how white text looks on a background with the YUV color 104.4350, 13.5895, -18.7985.

-18.7985.

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

104.4350, 13.5895, -18.7985

Protanopia

107.1270, 10.7834, -5.3734

Deuteranopia

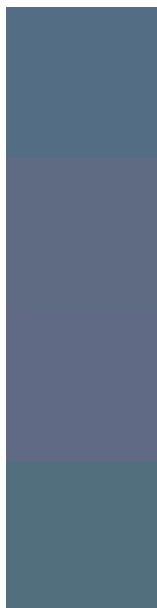
107.0070, 12.8145, -3.5141



Tritanopia

103.4580, 8.6482, -20.5727

Trichromacy



Original Color

104.4350, 13.5895, -18.7985

Protanomaly

105.7350, 11.9626, -10.2916

Deuteranomaly

106.0880, 13.2676, -8.8472

Tritanomaly

103.6260, 10.5374, -19.8430

Monochromacy



Original Color

104.4350, 13.5895, -18.7985

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4350, 13.5895, -18.7985 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(83, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(83, 110, 132)  
}
```

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(83, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 110, 132) }
```

Border

The CSS property to change the border of an element to YUV 104.4350, 13.5895, -18.7985 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(83, 110, 132) }
```


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

```
.border{ border-color:rgb(83, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(83, 110,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 104.4350, 13.5895, -18.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 110, 132) }
```

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

```
.background{ background-color: rgb(83, 110,  
132) }
```

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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