

Converting Colors

YUV(96.5910, 13.5126,
-40.8603)

Have a look what the booklet for
YUV(96.5910, 13.5126, -40.8603)
contains.

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Color

**YUV(96.5910, 13.5126,
-40.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	32737C
RGB	50, 115, 124
RGB Percent	20%, 45%, 49%
CMY	0.8039, 0.5490, 0.5137
CMYK	0.60, 0.07, 0.00, 0.51
HSL	187°, 43%, 34%
HSV	187°, 60%, 49%
XYZ	11.0842, 14.3948, 21.2631
YIQ	96.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

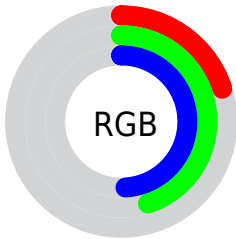
Format	Color
RYB	50, 85, 124
Decimal	3306364
CIELab	44.79, -17.76, -11.22
CIElCh	45, 21.006, 212.275
Yxy	14.3948, 0.2371, 0.3080
Android (android.graphics.Color)	4281496444 (0xFF32737C)
YUV	96.5910, 13.5126, -40.8603
Hunter-Lab	37.9405, -14.2476, -6.6697

Details

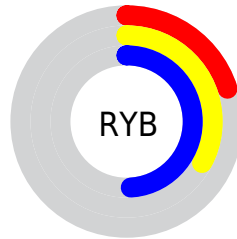
The YUV color **96.5910, 13.5126, -40.8603** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.4090, -13.5126, 40.8603**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3030, 13.6546, -39.7307**, and **47.8790, 13.3707, -41.9899** is the 20% darker color. If you saturate the color by 10%, you get **91.8290, 15.8603, -47.2080**, and if you desaturate by 10%, it is **101.3530, 11.1650, -34.5126**.

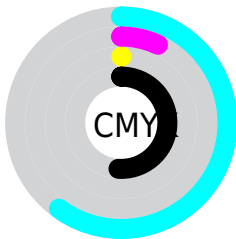
Distribution



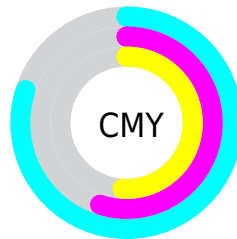
- Red (20%)
- Green (45%)
- Blue (49%)



- Red (20%)
- Yellow (33%)
- Blue (49%)



- Cyan (60%)
- Magenta (7%)
- Yellow (0%)
- Black (51%)



- Cyan (80%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.5910, 13.5126, -40.8603 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 96.5910, 13.5126, -40.8603 by changing the saturation by 10% instead.

■ 96.5910, 13.5126,
-40.8603

■ 96.5910, 13.5126,
-40.8603

■ 255.0000, 0.0000,
0.0000

■ 69.4980, 14.5445,
-45.1637

■ 149.3030, 13.6546,
-39.7307

■ 47.8790, 13.3707,
-41.9899

■ 176.3030, 13.6546,
-39.7307

■ 31.8700, 10.4171,
-27.9500

■ 204.3030, 13.6546,
-39.7307

■ 18.2090, 6.3060,
-15.9693

■ 232.3200, 11.1812,
-39.7456

■ 0.5700, 2.1840,
-0.4999

■ 243.0400, 5.8963,
-24.5911

■ 0.0000, 0.0000,
0.0000

■ 251.7110, 1.6215,

-6.7625

■ 96.5910, 13.5126,
-40.8603

■ 96.5910, 13.5126,
-40.8603

■ 91.8290, 15.8603,
-47.2080

■ 101.3530, 11.1650,
-34.5126

■ 87.3550, 18.0660,
-54.6853

■ 105.8270, 8.9593,
-27.0353

■ 82.5930, 20.4137,
-61.0331

■ 110.5890, 6.6116,
-20.6876

■ 78.1190, 22.6193,
-68.5104

■ 115.0630, 4.4059,
-13.2103

■ 119.8250, 2.0583,
-6.8625

■ 124.0000, 0.0000,
0.0000

■ 129.0610, -2.4951,
6.9625

■ 133.2360, -4.5533,
13.8250

■ 138.2970, -7.0484,
20.7875

Harmonies

Analogous

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



97.9310, 4.4710, -34.1425



96.5910, 13.5126, -40.8603



99.4870, 18.0009, -33.7531

Triad

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



96.5910, 13.5126, -40.8603



108.3580, 7.2185, 18.1030



104.7120, -16.6200, 10.7766

Complementary

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



96.5910, 13.5126, -40.8603



77.4090, -13.5126, 40.8603

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.



106.2450, -14.9108, 22.5871



96.5910, 13.5126, -40.8603



108.4210, -1.6866, 27.6948

Square

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



96.5910, 13.5126, -40.8603



107.5670, 13.5245, 2.1337



107.6570, -9.6909, 28.3648



103.1230, -13.3716, -4.4929

Rectangle

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



96.5910, 13.5126, -40.8603



102.9660, 18.2578, -22.7722



107.6570, -9.6909, 28.3648



105.3320, -16.9257, 15.4948

Sweetspot

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



96.5910, 13.5126, -40.8603



149.9810, 5.4324, -15.7693



94.4640, -17.4838, -38.9949



74.8570, 3.5215, -9.5216



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



96.5910, 13.5126, -40.8603



118.0980, 21.1507, -64.1069



74.8720, 24.2201, -21.8127



58.6190, 1.1738, -3.1739



78.8200, 22.7667, -69.1251



159.0420, 45.8283, -139.4798

Inverse Universe

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



79.5360, 17.4838, 38.9949



91.3120, 27.4542, 61.1164



99.1280, -24.2201, 21.8127



57.3640, 1.2995, 3.1888



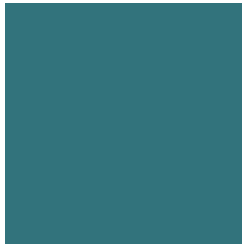
49.9150, 29.6219, 65.8495



100.6560, 59.8226, 132.7287

Previews

White Background



This preview shows how the YUV color 96.5910, 13.5126, -40.8603 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 96.5910, 13.5126, -40.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

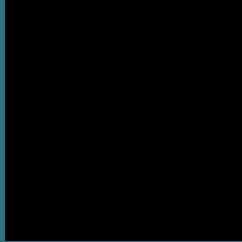
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.5910, 13.5126, -40.8603

Background



This preview shows how black text looks on a background with the YUV color 96.5910, 13.5126, -40.8603.

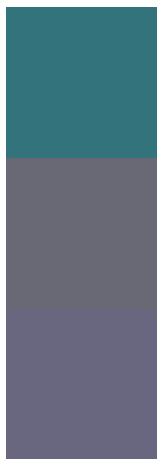


This preview shows how white text looks on a background with the YUV color 96.5910, 13.5126,

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

96.5910, 13.5126, -40.8603

Protanopia

106.0690, 5.3890, -1.8145

Deuteranopia

106.3340, 10.1883, -1.1699



Tritanopia

96.5910, 13.5126, -40.8603

Trichromacy



Original Color

96.5910, 13.5126, -40.8603

Protanomaly

102.7790, 8.4900, -16.4692

Deuteranomaly

102.5880, 11.5421, -15.4247

Tritanomaly

96.5910, 13.5126, -40.8603

Monochromacy



Original Color

96.5910, 13.5126, -40.8603

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1660, 4.8482, -15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.5910, 13.5126, -40.8603 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(50, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(50, 115, 124)  
}
```

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(50, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 115, 124) }
```

Border

The CSS property to change the border of an element to YUV 96.5910, 13.5126, -40.8603 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(50, 115, 124) }
```


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

```
.border{ border-color:rgb(50, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 115, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 115, 124);  
box-shadow:4px 4px 4px 4px rgb(50, 115,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 96.5910, 13.5126, -40.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 115, 124) }
```

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

```
.background{ background-color: rgb(50, 115,  
124) }
```

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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