

Converting Colors

YUV(97.6150, 13.9938, -8.4324)

Have a look what the booklet for
YUV(97.6150, 13.9938, -8.4324)
contains.

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Color

**YUV(97.6150, 13.9938,
-8.4324)**

Conversions

Conversions Part 1

Format	Color
Hex	58617E
RGB	88, 97, 126
RGB Percent	35%, 38%, 49%
CMY	0.6549, 0.6196, 0.5059
CMYK	0.30, 0.23, 0.00, 0.51
HSL	226°, 18%, 42%
HSV	226°, 30%, 49%
XYZ	12.0651, 12.1305, 21.4442
YIQ	97.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

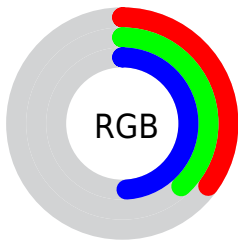
Format	Color
R_{YB}	88, 95, 126
Decimal	5792126
CIE Lab	41.42, 3.77, -17.36
CIE LCh	41, 17.763, 282.266
Yxy	12.1305, 0.2644, 0.2658
Android (android.graphics.Color)	4283982206 (0xFF58617E)
YUV	97.6150, 13.9938, -8.4324
Hunter-Lab	34.8288, 0.8840, -12.1248

Details

The YUV color $97.6150, 13.9938, -8.4324$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $116.3850, -13.9938, 8.4324$, and the grayscale version is $97.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $148.2560, 15.1568, -8.1175$, and $50.9740, 12.8308, -8.7472$ is the 20% darker color. If you saturate the color by 10%, you get $87.8580, 18.8040, -11.2765$, and if you desaturate by 10%, it is $107.3720, 9.1836, -5.5882$.

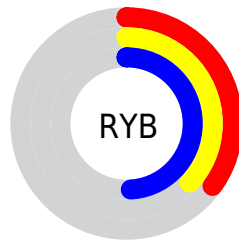
Distribution



Red (35%)

Green (38%)

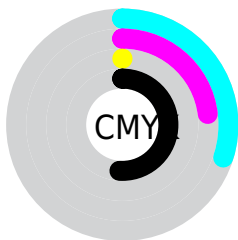
Blue (49%)



Red (35%)

Yellow (37%)

Blue (49%)

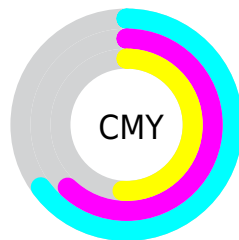


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6150, 13.9938, -8.4324 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 97.6150, 13.9938, -8.4324 by changing the saturation by 10% instead.

■ 97.6150, 13.9938,
-8.4324

■ 97.6150, 13.9938,
-8.4324

■ 255.0000, 0.0000,
0.0000

■ 73.5010, 13.5570,
-8.3324

■ 148.2560, 15.1568,
-8.1175

■ 50.9740, 12.8308,
-8.7472

■ 174.9570, 15.3042,
-8.7323

■ 29.1480, 12.2520,
-9.7768

■ 202.4840, 16.0304,
-8.3175

■ 6.1100, 13.2568,
-5.3585

■ 229.5720, 12.5360,
-7.5176

■ 0.6840, 2.6208,
-0.5999

■ 253.5050, 0.7370,
-3.0739

■ 0.0000, 0.0000,
0.0000

■ 97.6150, 13.9938,
-8.4324

■ 97.6150, 13.9938,
-8.4324

■ 87.8580, 18.8040,
-11.2765

■ 107.3720, 9.1836,
-5.5882

■ 78.9870, 23.1774,
-14.0206

■ 116.2430, 4.8102,
-2.8441

■ 69.2300, 27.9876,
-16.8647

■ 126.0000, 0.0000,
0.0000

■ 60.3590, 32.3610,
-19.6088

■ 134.8710, -4.3734,
2.7441

■ 50.6020, 37.1712,
-22.4530

■ 144.6280, -9.1836,
5.5882

■ 40.8450, 41.9814,
-25.2971


■ 154.3850,
-13.9938, 8.4324

■ 31.9740, 46.3548,
-28.0412

■ 163.2560,
-18.3672, 11.1765

■ 173.0130,

-23.1774, 14.0206

 182.4710,
-27.8402, 16.2499

Harmonies

Analogous

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



94.4560, 15.0582, -23.2019



97.6150, 13.9938, -8.4324



99.5630, 9.5824, 6.5222

Triad

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



97.6150, 13.9938, -8.4324



98.6240, -9.6746, 23.1318



92.2980, -2.1189, -20.4323

Complementary

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



97.6150, 13.9938, -8.4324



116.3850, -13.9938, 8.4324

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.



94.8390, -9.2876, -7.7518



97.6150, 13.9938, -8.4324



97.8420, -13.7261, 15.9246

Square

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



97.6150, 13.9938, -8.4324



99.5300, -3.7123, 24.0912



96.4770, -13.5462, 4.8437



91.0070, 5.9125, -29.8241

Rectangle

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



97.6150, 13.9938, -8.4324



99.9940, 5.9190, 14.9143



96.4770, -13.5462, 4.8437



93.6360, -4.7505, -16.3438

Sweetspot

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



97.6150, 13.9938, -8.4324



152.3570, 5.2470, -2.9441



113.6120, 1.6703, -22.4617



75.2000, 3.3524, -1.9294



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.



97.6150, 13.9938, -8.4324



118.9440, 21.7196, -13.1059



95.3220, 15.1243, 2.3486



58.9720, 2.4788, -1.7294



32.2020, 47.2284, -28.2412



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.3880, -1.6703, 22.4617



123.2370, -2.5818, 34.8722



118.9770, -15.2717, -1.7338



59.3210, -0.1583, 4.1035



41.6920, -5.7642, 75.6921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 97.6150, 13.9938, -8.4324 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 97.6150, 13.9938, -8.4324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

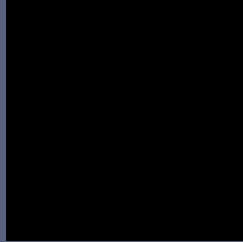
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

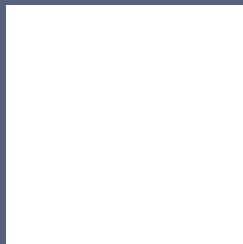
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 97.6150, 13.9938, -8.4324

Background



This preview shows how black text looks on a background with the YUV color 97.6150, 13.9938, -8.4324.



This preview shows how white text looks on a background with the YUV color 97.6150, 13.9938,

-8.4324.

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

97.6150, 13.9938, -8.4324

Protanopia

97.6260, 13.9884, -6.6880

Deuteranopia

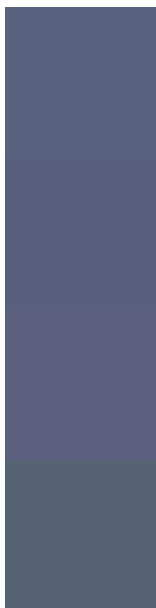
98.2240, 13.6936, -5.4584



Tritanopia

96.1280, 5.8529, -10.6363

Trichromacy



Original Color

97.6150, 13.9938, -8.4324

Protanomaly

97.3270, 14.1358, -7.3028

Deuteranomaly

97.9250, 13.8410, -6.0732

Tritanomaly

96.6380, 9.0525, -10.2065

Monochromacy



Original Color

97.6150, 13.9938, -8.4324

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6150, 13.9938, -8.4324 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, 97, 126)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 126)  
}
```

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, 97, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 126) }
```

Border

The CSS property to change the border of an element to YUV 97.6150, 13.9938, -8.4324 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, 97, 126) }
```


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

```
.border{ border-color:rgb(88, 97, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 126);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 97.6150, 13.9938, -8.4324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 126) }
```

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

```
.background{ background-color: rgb(88, 97,  
126) }
```

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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