

Converting Colors

YUV(95.9130, 15.3259,
-15.7097)

Have a look what the booklet for
YUV(95.9130, 15.3259, -15.7097)
contains.

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Color

**YUV(95.9130, 15.3259,
-15.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	4E637F
RGB	78, 99, 127
RGB Percent	31%, 39%, 50%
CMY	0.6941, 0.6118, 0.5020
CMYK	0.39, 0.22, 0.00, 0.50
HSL	214°, 24%, 40%
HSV	214°, 39%, 50%
XYZ	11.4345, 12.0757, 21.8069
YIQ	95.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

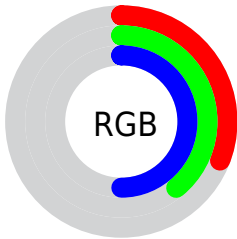
Format	Color
R_{YB}	78, 93, 127
Decimal	5137279
CIE _{Lab}	41.34, -0.31, -18.16
CIE _{LCh}	41, 18.162, 269.023
Yxy	12.0757, 0.2523, 0.2665
Android (android.graphics.Color)	4283327359 (0xFF4E637F)
YUV	95.9130, 15.3259, -15.7097
Hunter-Lab	34.7501, -2.0774, -12.8814

Details

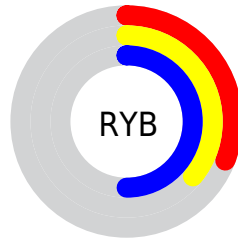
The YUV color **95.9130, 15.3259, -15.7097** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **109.0870, -15.3259, 15.7097**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1410, 16.1995, -15.9097**, and **48.9730, 14.3103, -16.6393** is the 20% darker color. If you saturate the color by 10%, you get **87.9170, 19.2679, -20.0982**, and if you desaturate by 10%, it is **103.9090, 11.3839, -11.3212**.

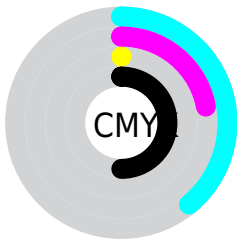
Distribution



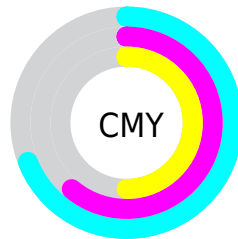
- Red (31%)
- Green (39%)
- Blue (50%)



- Red (31%)
- Yellow (36%)
- Blue (50%)



- Cyan (39%)
- Magenta (22%)
- Yellow (0%)
- Black (50%)



- Cyan (69%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.9130, 15.3259, -15.7097 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 95.9130, 15.3259, -15.7097 by changing the saturation by 10% instead.

■ 95.9130, 15.3259,
-15.7097

■ 95.9130, 15.3259,
-15.7097

■ 255.0000, 0.0000,
0.0000

■ 71.7990, 14.8891,
-15.6097

■ 147.1410, 16.1995,
-15.9097

■ 48.9730, 14.3103,
-16.6393

■ 173.2550, 16.6363,
-16.0096

■ 25.9510, 14.3212,
-20.1280

■ 201.3690, 17.0731,
-16.1096

■ 7.9850, 12.8254,
-7.0028

■ 228.0440, 13.2893,
-15.8246

■ 0.9120, 3.4944,
-0.7998

■ 250.2160, 2.3585,
-9.8364

■ 0.0000, 0.0000,
0.0000

■ 95.9130, 15.3259,
-15.7097

■ 95.9130, 15.3259,
-15.7097

■ 87.9170, 19.2679,
-20.0982

■ 103.9090, 11.3839,
-11.3212

■ 79.6330, 23.3519,
-23.3571

■ 112.1930, 7.2999,
-8.0623

■ 71.6370, 27.2940,
-27.7456

■ 120.1890, 3.3578,
-3.6738

■ 63.6410, 31.2360,
-32.1342

■ 128.1850, -0.5842,
0.7148

■ 55.9440, 35.0306,
-35.9079

■ 136.1810, -4.5262,
5.1033

■ 47.3610, 39.2620,
-39.7816


■ 144.4650, -8.6102,
8.3622

■ 46.1760, 39.8462,
-40.4964

■ 152.4610,
-12.5523, 12.7507

■ 160.4570,

-16.4943, 17.1392

 168.1540,
-20.2889, 20.9129

Harmonies

Analogous

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



92.1240, 15.2219, -29.0497



95.9130, 15.3259, -15.7097



98.8010, 11.9301, 0.1745

Triad

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



95.9130, 15.3259, -15.7097



99.2050, -7.4961, 24.3762



93.1200, -5.4822, -15.0142

Complementary

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



95.9130, 15.3259, -15.7097



109.0870, -15.3259, 15.7097

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.



95.1880, -11.9247, -1.9189



95.9130, 15.3259, -15.7097



97.8040, -12.7214, 20.3429

Square

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



95.9130, 15.3259, -15.7097



100.0290, -0.5073, 22.7766



96.6950, -14.1466, 10.7915



91.1060, 2.4127, -27.2800

Rectangle

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



95.9130, 15.3259, -15.7097



99.9440, 8.4086, 9.6961



96.6950, -14.1466, 10.7915



93.5720, -7.6770, -11.0256

Sweetspot

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



95.9130, 15.3259, -15.7097



152.9760, 6.4208, -6.1180



109.9550, -1.9498, -28.0245



76.3030, 3.7946, -3.7737



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.



95.9130, 15.3259, -15.7097



117.4480, 23.9361, -24.0719



84.4830, 20.9609, -3.0546



59.5590, 2.1894, -2.2442



46.8770, 39.9936, -41.1111



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.0450, 1.9498, 28.0245



116.3720, 2.7746, 43.5238



120.5170, -20.9609, 3.0546



59.4350, 0.2785, 4.0035



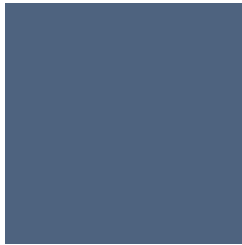
44.5420, 5.1558, 73.1927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 95.9130, 15.3259, -15.7097 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 95.9130, 15.3259, -15.7097 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

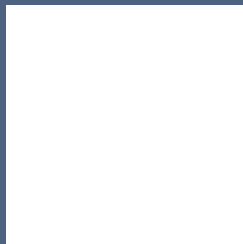
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.9130, 15.3259, -15.7097

Background



This preview shows how black text looks on a background with the YUV color 95.9130, 15.3259, -15.7097.



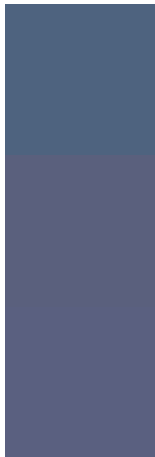
This preview shows how white text looks on a background with the YUV color 95.9130, 15.3259,

-15.7097.

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

95.9130, 15.3259, -15.7097

Protanopia

97.5120, 13.5516, -6.5880

Deuteranopia

97.8540, 14.8620, -6.8880



Tritanopia

94.5400, 7.6218, -18.0136

Trichromacy



Original Color

95.9130, 15.3259, -15.7097

Protanomaly

97.0170, 14.2886, -9.6619

Deuteranomaly

97.2450, 15.1622, -9.8619

Tritanomaly

94.9360, 10.3846, -17.4839

Monochromacy



Original Color

95.9130, 15.3259, -15.7097

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.7480, 5.5472, -5.9180

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.9130, 15.3259, -15.7097 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(78, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(78, 99, 127)  
}
```

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(78, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 99, 127) }
```

Border

The CSS property to change the border of an element to YUV 95.9130, 15.3259, -15.7097 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(78, 99, 127) }
```


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

```
.border{ border-color:rgb(78, 99, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 99, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(78, 99,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 95.9130, 15.3259, -15.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 99, 127) }
```

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

```
.background{ background-color: rgb(78, 99,  
127) }
```

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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