

Converting Colors

YUV(95.4060, 4.2368, -5.6181)

Have a look what the booklet for
YUV(95.4060, 4.2368, -5.6181)
contains.

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Color

**YUV(95.4060, 4.2368,
-5.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	596168
RGB	89, 97, 104
RGB Percent	35%, 38%, 41%
CMY	0.6510, 0.6196, 0.5922
CMYK	0.14, 0.07, 0.00, 0.59
HSL	208°, 8%, 38%
HSV	208°, 14%, 41%
XYZ	10.8932, 11.6727, 14.7756
YIQ	95.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

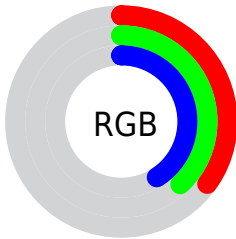
Format	Color
R_{YB}	89, 94, 104
Decimal	5857640
CIE _{Lab}	40.69, -1.49, -5.03
CIE _{LCh}	41, 5.248, 253.536
Yxy	11.6727, 0.2917, 0.3126
Android (android.graphics.Color)	4284047720 (0xFF596168)
YUV	95.4060, 4.2368, -5.6181
Hunter-Lab	34.1654, -2.8768, -1.7256

Details

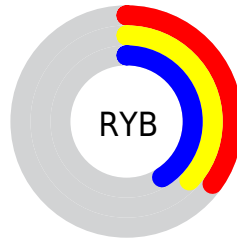
The YUV color **95.4060, 4.2368, -5.6181** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **97.5940, -4.2368, 5.6181**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1070, 4.3842, -6.2328**, and **49.2920, 3.8000, -5.5181** is the 20% darker color. If you saturate the color by 10%, you get **89.4810, 7.1579, -9.1918**, and if you desaturate by 10%, it is **101.3310, 1.3158, -2.0443**.

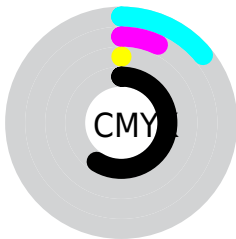
Distribution



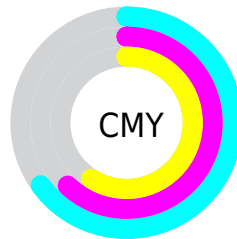
- Red (35%)
- Green (38%)
- Blue (41%)



- Red (35%)
- Yellow (37%)
- Blue (41%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.4060, 4.2368, -5.6181 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 95.4060, 4.2368, -5.6181 by changing the saturation by 10% instead.

■ 95.4060, 4.2368,
-5.6181

■ 95.4060, 4.2368,
-5.6181

■ 255.0000, 0.0000,
0.0000

■ 71.7050, 4.0894,
-5.0033

■ 146.1070, 4.3842,
-6.2328

■ 49.2920, 3.8000,
-5.5181

■ 172.2210, 4.8210,
-6.3328

■ 28.5910, 3.6526,
-4.9033

■ 199.5200, 4.6736,
-5.7180

■ 3.9440, 4.9576,
-3.4589

■ 227.9220, 4.9685,
-6.9476

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,
-3.6887

■ 95.4060, 4.2368,
-5.6181

■ 95.4060, 4.2368,
-5.6181

■ 89.4810, 7.1579,
-9.1918

■ 101.3310, 1.3158,
-2.0443

■ 83.2570, 10.2263,
-13.3804

■ 107.5550, -1.7526,
2.1443

■ 77.3320, 13.1473,
-16.9542

■ 113.4800, -4.6736,
5.7180

■ 71.6950, 15.9264,
-21.6575

■ 119.1170, -7.4527,
10.4214

■ 65.7700, 18.8474,
-25.2313

■ 125.0420,
-10.3737, 13.9952

■ 59.8450, 21.7684,
-28.8051

■ 130.9670,
-13.2947, 17.5689

■ 53.6210, 24.8368,
-32.9936

■ 137.1910,
-16.3632, 21.7575

■ 47.6960, 27.7579,

■ 143.1160,

-36.5674

-19.2842, 25.3313

■ 44.1410, 29.5105,
-38.7117

■ 149.3400,
-22.3526, 29.5198

Harmonies

Analogous

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



94.8680, 3.5161, -7.7772



95.4060, 4.2368, -5.6181



96.3140, 3.7892, -2.0294

Triad

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



95.4060, 4.2368, -5.6181



96.7020, -1.3321, 7.2773



95.2940, -2.6099, -2.8888

Complementary

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



95.4060, 4.2368, -5.6181



97.5940, -4.2368, 5.6181

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.



95.3870, -3.6418, 1.4146



95.4060, 4.2368, -5.6181



96.8330, -3.3687, 7.1625

Square

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



95.4060, 4.2368, -5.6181



96.5600, 0.7099, 5.6479



96.2950, -4.0894, 5.0033



94.4400, -0.7099, -5.6479

Rectangle

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



95.4060, 4.2368, -5.6181



96.5100, 3.1996, 0.4297



96.2950, -4.0894, 5.0033



95.1910, -3.0522, -1.0445

Sweetspot

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



95.4060, 4.2368, -5.6181



132.3310, 1.3158, -2.0443



98.6030, -1.2833, -8.4218



66.6300, 1.1684, -1.4295



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



95.4060, 4.2368, -5.6181



121.6660, 6.5737, -8.4771



91.2970, 6.2626, -2.0145



48.3310, 1.3158, -2.0443



48.9170, 32.5789, -42.9002



103.3110, 68.3737, -90.6037

Inverse Universe

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



94.3970, 1.2833, 8.4218



120.2450, 1.8512, 12.9401



102.2900, -6.5520, 1.4997



47.8370, 0.5734, 2.7740



41.3390, 9.6929, 64.6007



87.0640, 20.6744, 135.8789

Previews

White Background



This preview shows how the YUV color 95.4060, 4.2368, -5.6181 looks on a white background.

Color Contrast Check

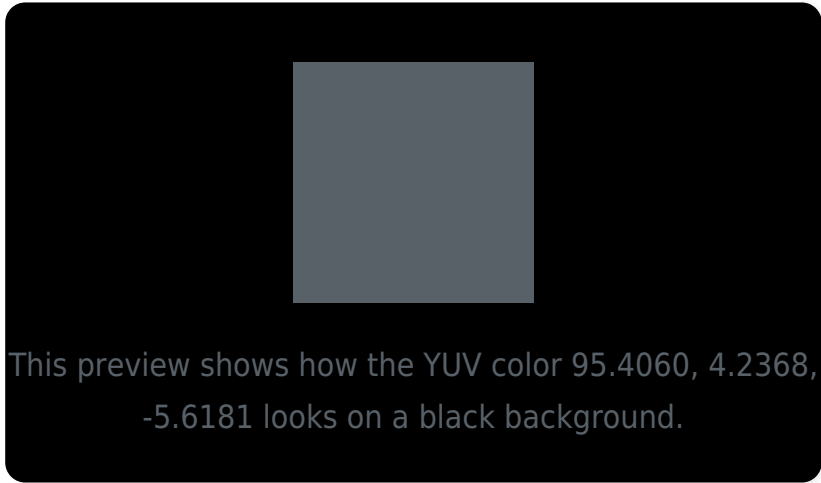
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

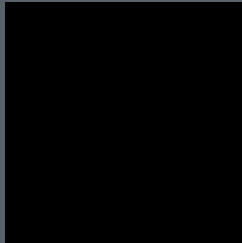
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

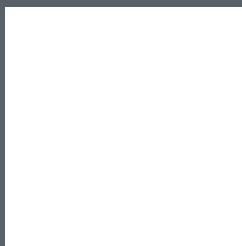
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.4060, 4.2368, -5.6181

Background



This preview shows how black text looks on a background with the YUV color 95.4060, 4.2368, -5.6181.



This preview shows how white text looks on a background with the YUV color 95.4060, 4.2368,

-5.6181.

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

95.4060, 4.2368, -5.6181

Protanopia

95.9120, 3.4944, -0.7998

Deuteranopia

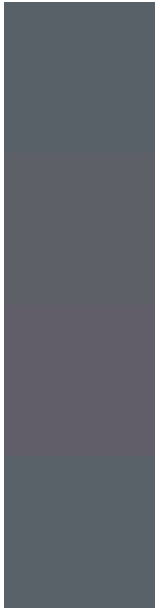
96.7600, 4.0623, 3.7185



Tritanopia

95.5200, 4.6736, -5.7180

Trichromacy



Original Color

95.4060, 4.2368, -5.6181

Protanomaly

95.9010, 3.4998, -2.5442

Deuteranomaly

96.1510, 4.3626, 0.7446

Tritanomaly

95.5200, 4.6736, -5.7180

Monochromacy



Original Color

95.4060, 4.2368, -5.6181

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.4060, 4.2368, -5.6181 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(89, 97, 104)` looks like.

```
.text, #text, p{  
    color:rgb(89, 97, 104)  
}
```

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(89, 97, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 97, 104) }
```

Border

The CSS property to change the border of an element to YUV 95.4060, 4.2368, -5.6181 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(89, 97, 104) }
```


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

```
.border{ border-color:rgb(89, 97, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 97, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 97, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 97, 104);  
box-shadow:4px 4px 4px 4px rgb(89, 97,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 95.4060, 4.2368, -5.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 97, 104) }
```

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

```
.background{ background-color: rgb(89, 97,  
104) }
```

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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