

Converting Colors

YUV(96.7370, 5.5527, -7.6623)

Have a look what the booklet for
YUV(96.7370, 5.5527, -7.6623)
contains.

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Color

**YUV(96.7370, 5.5527,
-7.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	58636C
RGB	88, 99, 108
RGB Percent	35%, 39%, 42%
CMY	0.6549, 0.6118, 0.5765
CMYK	0.19, 0.08, 0.00, 0.58
HSL	207°, 10%, 38%
HSV	207°, 19%, 42%
XYZ	11.1931, 12.0811, 15.9293
YIQ	96.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

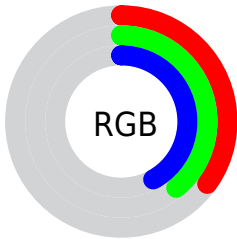
Format	Color
R_{YB}	88, 95, 108
Decimal	5792620
CIE Lab	41.34, -2.10, -6.51
CIE LCh	41, 6.843, 252.166
Yxy	12.0811, 0.2855, 0.3082
Android (android.graphics.Color)	4283982700 (0xFF58636C)
YUV	96.7370, 5.5527, -7.6623
Hunter-Lab	34.7579, -3.3437, -2.8417

Details

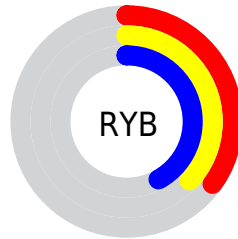
The YUV color **96.7370, 5.5527, -7.6623** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.2630, -5.5527, 7.6623**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4380, 5.7001, -8.2771**, and **50.6230, 5.1159, -7.5624** is the 20% darker color. If you saturate the color by 10%, you get **90.5130, 8.6211, -11.8509**, and if you desaturate by 10%, it is **102.9610, 2.4842, -3.4738**.

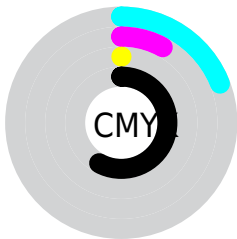
Distribution



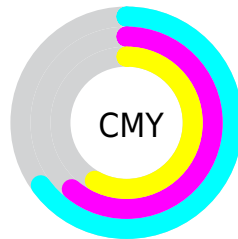
- Red (35%)
- Green (39%)
- Blue (42%)



- Red (35%)
- Yellow (37%)
- Blue (42%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (58%)



- Cyan (65%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.7370, 5.5527, -7.6623 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 96.7370, 5.5527, -7.6623 by changing the saturation by 10% instead.

■ 96.7370, 5.5527,
-7.6623

■ 96.7370, 5.5527,
-7.6623

■ 255.0000, 0.0000,
0.0000

■ 72.7370, 5.5527,
-7.6623

■ 147.4380, 5.7001,
-8.2771

■ 50.6230, 5.1159,
-7.5624

■ 173.5520, 6.1369,
-8.3771

■ 28.9220, 4.9685,
-6.9476

■ 201.5520, 6.1369,
-8.3771

■ 6.1610, 5.8366,
-5.4032

■ 229.5520, 6.1369,
-8.3771

■ 0.0000, 0.0000,
0.0000

■ 252.9070, 1.0318,
-4.3034

■ 96.7370, 5.5527,
-7.6623

■ 96.7370, 5.5527,
-7.6623

■ 90.5130, 8.6211,
-11.8509

■ 102.9610, 2.4842,
-3.4738

■ 84.2890, 11.6895,
-16.0395

■ 109.1850, -0.5842,
0.7148

■ 78.3640, 14.6105,
-19.6132

■ 115.1100, -3.5052,
4.2885

■ 72.7270, 17.3896,
-24.3166

■ 120.7470, -6.2843,
8.9919

■ 66.5030, 20.4580,
-28.5051

■ 126.9710, -9.3527,
13.1804

■ 60.2790, 23.5265,
-32.6937

■ 133.1950,
-12.4211, 17.3690

■ 54.0550, 26.5949,
-36.8822

■ 139.4190,
-15.4896, 21.5575

■ 48.1300, 29.5159,

■ 145.3440,

-40.4560

-18.4106, 25.1313

■ 46.9450, 30.1001,
-41.1708

■ 151.5680,
-21.4790, 29.3199

Harmonies

Analogous

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



95.7860, 4.5425, -10.3363



96.7370, 5.5527, -7.6623



97.3570, 5.2470, -2.9441

Triad

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



96.7370, 5.5527, -7.6623



98.8980, -1.9217, 9.7365



96.6530, -3.7729, -3.2037

Complementary

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



96.7370, 5.5527, -7.6623



99.2630, -5.5527, 7.6623

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.



97.3440, -5.0996, 2.3293



96.7370, 5.5527, -7.6623



98.0290, -3.9583, 9.6216

Square

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



96.7370, 5.5527, -7.6623



98.6850, 1.1413, 7.2923



97.6650, -5.2578, 6.4328



96.0160, -0.9939, -7.9070

Rectangle

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



96.7370, 5.5527, -7.6623



98.1510, 4.3626, 0.7446



97.6650, -5.2578, 6.4328



96.5500, -4.2151, -1.3593

Sweetspot

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



96.7370, 5.5527, -7.6623



135.2600, 2.3368, -2.8590



100.7660, -1.8566, -11.1958



68.3310, 1.3158, -2.0443



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



96.7370, 5.5527, -7.6623



122.5130, 8.6211, -11.8509



90.8670, 8.4466, -2.5144



50.4450, 1.7526, -2.1443



51.4930, 32.2950, -45.1594



107.1750, 67.9477, -93.9925

Inverse Universe

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



95.2340, 1.8566, 11.1958



120.2070, 2.8559, 17.3585



105.1330, -8.4466, 2.5144



50.1360, 0.4260, 3.3887



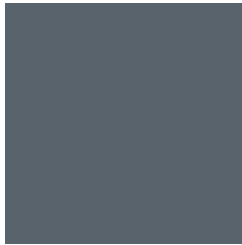
42.3930, 11.1453, 65.4303



88.6450, 22.8530, 137.1233

Previews

White Background



This preview shows how the YUV color 96.7370, 5.5527, -7.6623 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 96.7370, 5.5527, -7.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

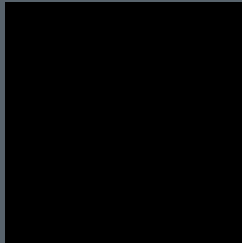
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

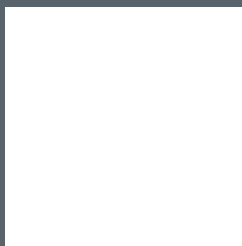
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.7370, 5.5527, -7.6623

Background



This preview shows how black text looks on a background with the YUV color 96.7370, 5.5527, -7.6623.



This preview shows how white text looks on a background with the YUV color 96.7370, 5.5527, -7.6623.

-7.6623.

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

96.7370, 5.5527, -7.6623

Protanopia

97.8410, 4.5154, -1.6146

Deuteranopia

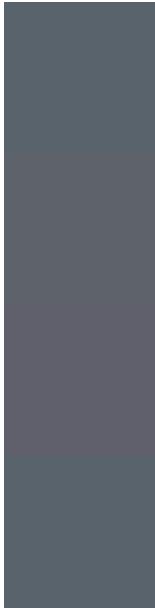
98.3900, 5.2307, 2.2890



Tritanopia

96.6230, 5.1159, -7.5624

Trichromacy



Original Color

96.7370, 5.5527, -7.6623

Protanomaly

97.5310, 4.6682, -3.9737

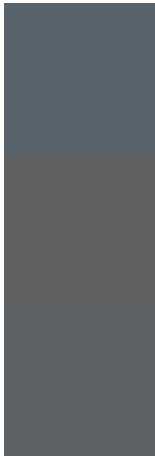
Deuteranomaly

97.4820, 5.6784, -1.2997

Tritanomaly

96.6230, 5.1159, -7.5624

Monochromacy



Original Color

96.7370, 5.5527, -7.6623

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.1460, 1.9000, -2.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.7370, 5.5527, -7.6623 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, 99, 108)` looks like.

```
.text, #text, p{  
    color:rgb(88, 99, 108)  
}
```

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, 99, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 99, 108) }
```

Border

The CSS property to change the border of an element to YUV 96.7370, 5.5527, -7.6623 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, 99, 108) }
```


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

```
.border{ border-color:rgb(88, 99, 108) }
```

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

Here you see how a box with a 4 pixel rgb(88, 99, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 99, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 99, 108);  
box-shadow:4px 4px 4px 4px rgb(88, 99,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 96.7370, 5.5527, -7.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 99, 108) }
```

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

```
.background{ background-color: rgb(88, 99,  
108) }
```

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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