

Converting Colors

YUV(96.4270, 5.7055, -10.0215)

Have a look what the booklet for
YUV(96.4270, 5.7055, -10.0215)
contains.

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Color

**YUV(96.4270, 5.7055,
-10.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	55646C
RGB	85, 100, 108
RGB Percent	33%, 39%, 42%
CMY	0.6667, 0.6078, 0.5765
CMYK	0.21, 0.07, 0.00, 0.58
HSL	201°, 12%, 38%
HSV	201°, 21%, 42%
XYZ	11.0103, 12.1283, 15.9481
YIQ	96.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

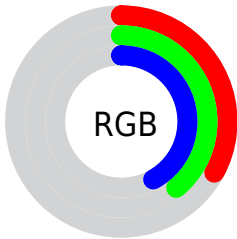
Format	Color
R_{YB}	85, 94, 108
Decimal	5596268
CIE _{Lab}	41.42, -3.76, -6.43
CIE _{LCh}	41, 7.445, 239.673
Yxy	12.1283, 0.2817, 0.3103
Android (android.graphics.Color)	4283786348 (0xFF55646C)
YUV	96.4270, 5.7055, -10.0215
Hunter-Lab	34.8258, -4.5119, -2.7731

Details

The YUV color **96.4270, 5.7055, -10.0215** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.5730, -5.7055, 10.0215**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1280, 5.8529, -10.6363**, and **49.7260, 5.5581, -9.4067** is the 20% darker color. If you saturate the color by 10%, you get **90.7900, 8.4845, -14.7248**, and if you desaturate by 10%, it is **102.0640, 2.9264, -5.3181**.

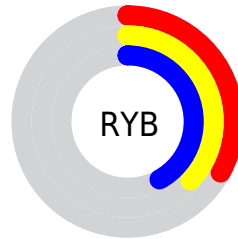
Distribution



Red (33%)

Green (39%)

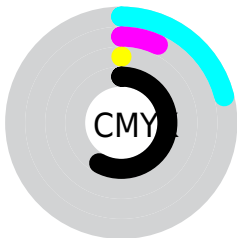
Blue (42%)



Red (33%)

Yellow (37%)

Blue (42%)

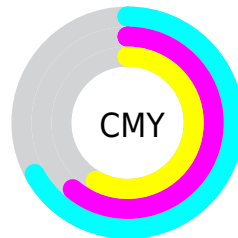


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.4270, 5.7055, -10.0215 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 96.4270, 5.7055, -10.0215 by changing the saturation by 10% instead.

■ 96.4270, 5.7055,
-10.0215

■ 96.4270, 5.7055,
-10.0215

■ 255.0000, 0.0000,
0.0000

■ 72.7260, 5.5581,
-9.4067

■ 147.1280, 5.8529,
-10.6363

■ 49.7260, 5.5581,
-9.4067

■ 173.2420, 6.2897,
-10.7362

■ 28.6120, 5.1213,
-9.3067

■ 200.9430, 6.4371,
-11.3510

■ 7.3350, 5.2578,
-6.4328

■ 228.9430, 6.4371,
-11.3510

■ 0.0000, 0.0000,
0.0000

■ 252.0100, 1.4741,
-6.1478

■ 96.4270, 5.7055,
-10.0215

■ 96.4270, 5.7055,
-10.0215

■ 90.7900, 8.4845,
-14.7248

■ 102.0640, 2.9264,
-5.3181

■ 85.1530, 11.2636,
-19.4282

■ 107.7010, 0.1474,
-0.6148

■ 80.4020, 13.6058,
-24.0316

■ 112.4520, -2.1948,
3.9886

■ 74.7650, 16.3849,
-28.7349

■ 118.0890, -4.9739,
8.6919

■ 69.1280, 19.1639,
-33.4383

■ 123.7260, -7.7529,
13.3953

■ 63.4910, 21.9429,
-38.1416

■ 129.3630,
-10.5320, 18.0986

■ 58.4410, 24.4326,
-43.3598


■ 134.4130,
-13.0216, 23.3168

■ 53.4020, 26.9168,

■ 139.7510,

-46.8336

-15.6532, 27.4054

 145.3880,
-18.4323, 32.1087

Harmonies

Analogous

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



95.5470, 3.6743, -11.8807



96.4270, 5.7055, -10.0215



97.2750, 6.2734, -5.5032

Triad

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



96.4270, 5.7055, -10.0215



99.2400, -0.6113, 9.4365



96.7350, -4.7994, -0.6446

Complementary

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



96.4270, 5.7055, -10.0215



96.5730, -5.7055, 10.0215

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.



97.5400, -5.6892, 4.7884



96.4270, 5.7055, -10.0215



98.8550, -3.3795, 10.6512

Square

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



96.4270, 5.7055, -10.0215



98.7280, 2.5991, 6.3775



97.9750, -5.4107, 8.7919



96.2720, -2.5991, -6.3775

Rectangle

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



96.4270, 5.7055, -10.0215



98.0690, 5.3890, -1.8145



97.9750, -5.4107, 8.7919



97.2190, -5.5310, 0.6849

Sweetspot

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



96.4270, 5.7055, -10.0215



135.8470, 2.0474, -3.3738



99.4130, -3.1616, -12.6402



68.9180, 1.0264, -2.5591



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.



96.4270, 5.7055, -10.0215



122.1920, 8.7793, -15.9544



89.9700, 8.8888, -4.3587



51.0320, 1.4632, -2.6591



58.5370, 28.8223, -51.3369



121.8500, 60.7129, -106.8624

Inverse Universe

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



93.5870, 3.1616, 12.6402



117.5000, 5.1765, 19.7325



103.0300, -8.8888, 4.3587



50.2500, 0.8628, 3.2887



43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Previews

White Background



This preview shows how the YUV color 96.4270, 5.7055, -10.0215 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 96.4270, 5.7055, -10.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

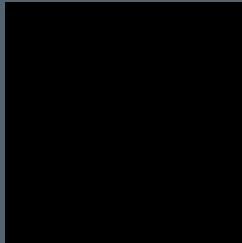
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

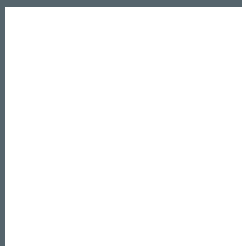
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.4270, 5.7055, -10.0215

Background



This preview shows how black text looks on a background with the YUV color 96.4270, 5.7055, -10.0215.



This preview shows how white text looks on a background with the YUV color 96.4270, 5.7055, -10.0215.

-10.0215.

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

96.4270, 5.7055, -10.0215

Protanopia

98.0260, 3.9312, -0.8998

Deuteranopia

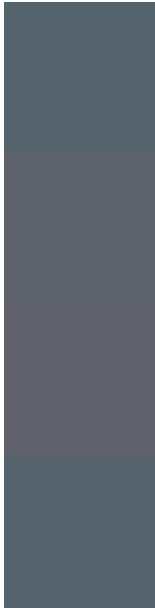
98.6890, 5.0833, 2.9037



Tritanopia

96.4270, 5.7055, -10.0215

Trichromacy



Original Color

96.4270, 5.7055, -10.0215

Protanomaly

97.5310, 4.6682, -3.9737

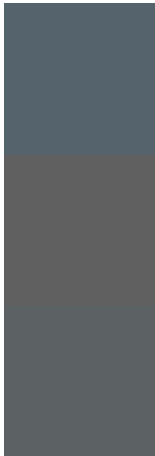
Deuteranomaly

98.0690, 5.3890, -1.8145

Tritanomaly

96.4270, 5.7055, -10.0215

Monochromacy



Original Color

96.4270, 5.7055, -10.0215

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.8470, 2.0474, -3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4270, 5.7055, -10.0215 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(85, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(85, 100, 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(85, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 100, 108) }
```

Border

The CSS property to change the border of an element to YUV 96.4270, 5.7055, -10.0215 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(85, 100, 108) }
```


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

```
.border{ border-color:rgb(85, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(85, 100, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(85, 100, 108); box-shadow:4px 4px 4px 4px rgb(85, 100, 108) }
```

Background

The CSS property to change the background color of an element to YUV 96.4270, 5.7055, -10.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 100, 108) }
```

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

```
.background{ background-color: rgb(85, 100,  
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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