

Converting Colors

YUV(96.2970, 6.2626, -2.0145)

Have a look what the booklet for
YUV(96.2970, 6.2626, -2.0145)
contains.

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Color

**YUV(96.2970, 6.2626,
-2.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5F6D
RGB	94, 95, 109
RGB Percent	37%, 37%, 43%
CMY	0.6314, 0.6275, 0.5725
CMYK	0.14, 0.13, 0.00, 0.57
HSL	236°, 7%, 40%
HSV	236°, 14%, 43%
XYZ	11.4686, 11.6682, 16.1157
YIQ	96.2970, -5.0900, 4.1420

Conversions

Conversions Part 2

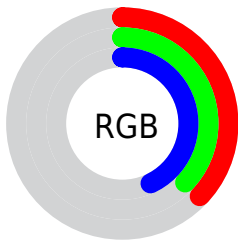
Format	Color
R_{YB}	94, 95, 109
Decimal	6184813
CIE Lab	40.68, 2.75, -8.06
CIE LCh	41, 8.518, 288.815
Yxy	11.6682, 0.2922, 0.2973
Android (android.graphics.Color)	4284374893 (0xFF5E5F6D)
YUV	96.2970, 6.2626, -2.0145
Hunter-Lab	34.1588, 0.1525, -4.0612

Details

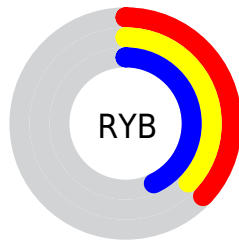
The YUV color **96.2970, 6.2626, -2.0145** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.7030, -6.2626, 2.0145**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.4110, 6.6994, -2.1144**, and **50.1830, 5.8258, -1.9145** is the 20% darker color. If you saturate the color by 10%, you get **87.1380, 10.7780, -3.6290**, and if you desaturate by 10%, it is **105.4560, 1.7472, -0.3999**.

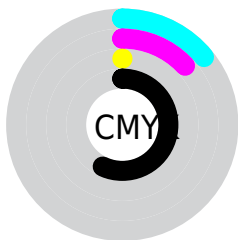
Distribution



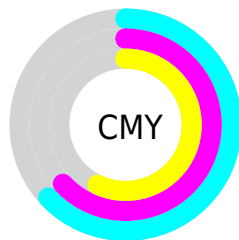
- Red (37%)
- Green (37%)
- Blue (43%)



- Red (37%)
- Yellow (37%)
- Blue (43%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (63%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.2970, 6.2626, -2.0145 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 96.2970, 6.2626, -2.0145 by changing the saturation by 10% instead.

■ 96.2970, 6.2626,
-2.0145

■ 96.2970, 6.2626,
-2.0145

255.0000, 0.0000,
0.0000

■ 72.2970, 6.2626,
-2.0145

■ 146.4110, 6.6994,
-2.1144

■ 50.1830, 5.8258,
-1.9145

■ 173.4110, 6.6994,
-2.1144

■ 29.0690, 5.3890,
-1.8145

■ 200.5250, 7.1362,
-2.2144

■ 2.8670, 8.4466,
-2.5144

■ 228.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 96.2970, 6.2626,

■ 96.2970, 6.2626,

-2.0145

-2.0145

■ 87.1380, 10.7780,
-3.6290

■ 105.4560, 1.7472,
-0.3999

■ 77.9790, 15.2934,
-5.2436

■ 114.6150, -2.7682,
1.2146

■ 68.2330, 20.0981,
-6.3433

■ 124.3610, -7.5730,
2.3144

■ 59.0740, 24.6135,
-7.9579

■ 133.5200,
-12.0884, 3.9290

■ 50.2140, 28.9815,
-8.9577

■ 142.6790,
-16.6037, 5.5435

■ 41.0550, 33.4969,
-10.5722

■ 151.5390,
-20.9717, 6.5433

■ 31.8960, 38.0123,
-12.1868

■ 160.6980,
-25.4871, 8.1579

■ 22.7370, 42.5277,
-13.8013

■ 169.8570,
-30.0025, 9.7724

■ 16.5350, 45.5852,
-14.5012

■ 179.6030,
-34.8073, 10.8722

Harmonies

Analogous

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



94.7800, 7.0105, -8.5771



96.2970, 6.2626, -2.0145



97.0590, 3.9149, 4.3333

Triad

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



96.2970, 6.2626, -2.0145



96.3990, -5.1267, 11.0511



93.8200, -0.4043, -10.3661

Complementary

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



96.2970, 6.2626, -2.0145



106.7030, -6.2626, 2.0145

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.



94.6420, -3.7675, -4.9480



96.2970, 6.2626, -2.0145



96.2090, -7.0050, 6.8327

Square

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



96.2970, 6.2626, -2.0145



97.0940, -2.5113, 12.1956



95.4040, -6.1152, 1.3997



93.4220, 3.2430, -13.5251

Rectangle

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



96.2970, 6.2626, -2.0145



97.5110, 1.7201, 8.3219



95.4040, -6.1152, 1.3997



94.1900, -1.5727, -8.9366

Sweetspot

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



96.2970, 6.2626, -2.0145



137.6840, 2.6208, -0.5999



104.4010, 1.7743, -9.1217



68.3420, 1.3104, -0.2999



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.



96.2970, 6.2626, -2.0145



122.3230, 10.1938, -2.9143



97.8030, 5.5201, 2.8038



49.2710, 2.3314, -1.1147



18.0340, 48.7902, -15.8158



37.3220, 102.3853, -32.7314

Inverse Universe

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



98.5990, -1.7743, 9.1217



126.2900, -3.1010, 14.6547



105.4960, -5.6675, -2.1890



49.9080, -0.4476, 3.5887



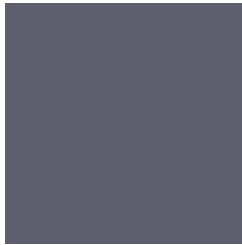
35.8950, -13.7522, 71.1291



75.0790, -29.1259, 149.0207

Previews

White Background



This preview shows how the YUV color 96.2970, 6.2626, -2.0145 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 96.2970, 6.2626, -2.0145 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

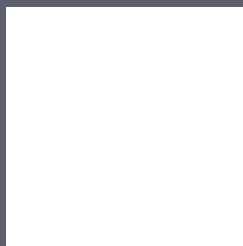
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 96.2970, 6.2626, -2.0145

Background



This preview shows how black text looks on a background with the YUV color 96.2970, 6.2626, -2.0145.



This preview shows how white text looks on a background with the YUV color 96.2970, 6.2626, -2.0145.

-2.0145.

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

96.2970, 6.2626, -2.0145

Protanopia

96.2970, 6.2626, -2.0145

Deuteranopia

96.6180, 6.1043, 2.0890



Tritanopia

96.0150, 3.9366, -2.6442

Trichromacy



Original Color

96.2970, 6.2626, -2.0145

Protanomaly

96.2970, 6.2626, -2.0145

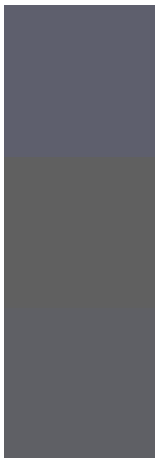
Deuteranomaly

96.6070, 6.1097, 0.3447

Tritanomaly

96.2430, 4.8102, -2.8441

Monochromacy



Original Color

96.2970, 6.2626, -2.0145

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.2710, 2.3314, -1.1147

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.2970, 6.2626, -2.0145 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(94, 95, 109)` looks like.

```
.text, #text, p{  
    color:rgb(94, 95, 109)  
}
```

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(94, 95, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 95, 109) }
```

Border

The CSS property to change the border of an element to YUV 96.2970, 6.2626, -2.0145 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(94, 95, 109) }
```


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

```
.border{ border-color:rgb(94, 95, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 95, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 95, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 95, 109);  
box-shadow:4px 4px 4px 4px rgb(94, 95,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 96.2970, 6.2626, -2.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 95, 109) }
```

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

```
.background{ background-color: rgb(94, 95,  
109) }
```

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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