

Converting Colors

YUV(70.6140, 5.6133, 19.6325)

Have a look what the booklet for
YUV(70.6140, 5.6133, 19.6325)
contains.

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Color

**YUV(70.6140, 5.6133,
19.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	5D3952
RGB	93, 57, 82
RGB Percent	36%, 22%, 32%
CMY	0.6353, 0.7765, 0.6784
CMYK	0.00, 0.39, 0.12, 0.64
HSL	318°, 24%, 29%
HSV	318°, 39%, 36%
XYZ	7.5003, 5.8626, 8.7189
YIQ	70.6140, 13.4310, 15.4070

Conversions

Conversions Part 2

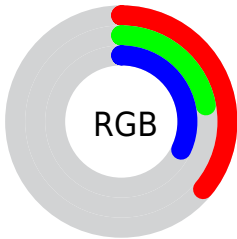
Format	Color
RYB	93, 57, 82
Decimal	6109522
CIELab	29.06, 20.22, -8.51
CIELCh	29, 21.942, 337.180
Yxy	5.8626, 0.3397, 0.2655
Android (android.graphics.Color)	4284299602 (0xFF5D3952)
YUV	70.6140, 5.6133, 19.6325
Hunter-Lab	24.2128, 12.9209, -4.4011




Details

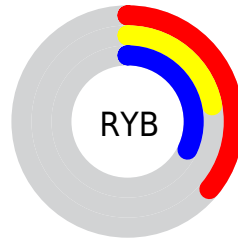
The YUV color **70.6140, 5.6133, 19.6325** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **79.3860, -5.6133, -19.6325**, and the grayscale version is **71.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **119.6250, 5.6079, 21.3769**, and **25.6030, 5.6187, 17.8882** is the 20% darker color. If you saturate the color by 10%, you get **64.9890, 6.9074, 24.5656**, and if you desaturate by 10%, it is **76.2390, 4.3192, 14.6994**.

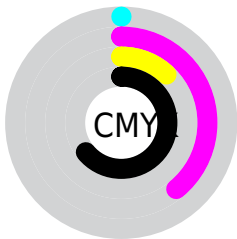
Distribution







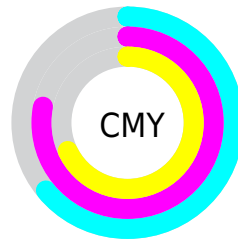
-  Red (36%)
-  Green (22%)
-  Blue (32%)






-  Red (36%)
-  Yellow (22%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (12%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (78%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.6140, 5.6133, 19.6325 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 70.6140, 5.6133, 19.6325 by changing the saturation by 10% instead.

70.6140, 5.6133,
19.6325

70.6140, 5.6133,
19.6325

255.0000, 0.0000,
0.0000

47.9020, 5.4713,
18.5029

119.6250, 5.6079,
21.3769

25.6030, 5.6187,
17.8882

145.3370, 5.7499,
22.5065

9.5980, 3.1562,
14.3846

171.7500, 6.0393,
23.0212

0.0000, 0.0000,
0.0000

199.4620, 6.1812,
24.1508

227.4620, 6.1812,
24.1508

246.1950, 4.3409,

7.7220

■ 70.6140, 5.6133,
19.6325

■ 70.6140, 5.6133,
19.6325

■ 64.9890, 6.9074,
24.5656

■ 76.2390, 4.3192,
14.6994

■ 58.7770, 8.4909,
30.0136

■ 82.4510, 2.7357,
9.2515

■ 53.1520, 9.7851,
34.9467

■ 88.0760, 1.4415,
4.3183

■ 47.6410, 11.5160,
39.7798

■ 93.5870, -0.2894,
-0.5148

■ 42.0160, 12.8101,
44.7130

■ 99.7990, -1.8729,
-5.9627

■ 35.8040, 14.3936,
50.1609

■ 105.4240, -3.1670,
-10.8958

■ 35.2170, 14.6830,
50.6757

■ 111.0490, -4.4612,
-15.8290

■ 116.6740, -5.7553,
-20.7621

■ 122.8860, -7.3388,
-26.2100

Harmonies

Analogous

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



70.6490, 12.4980, 4.6928



70.6140, 5.6133, 19.6325



69.8940, -2.4127, 27.2800

Triad

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



70.6140, 5.6133, 19.6325



66.8040, -16.1724, 7.1879



55.2310, 16.1551, -48.4376

Complementary

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



70.6140, 5.6133, 19.6325



79.3860, -5.6133, -19.6325

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.



54.3040, 8.7241, -44.9936



70.6140, 5.6133, 19.6325



64.5680, -11.6190, -6.6371

Square

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



70.6140, 5.6133, 19.6325



68.1090, -15.3367, 19.1984



61.6460, -3.2765, -22.4915



58.6110, 19.9118, -40.0008

Rectangle

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



70.6140, 5.6133, 19.6325



69.2270, -7.5069, 27.8649



61.6460, -3.2765, -22.4915



54.6610, 13.9711, -47.9377

Sweetspot

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



70.6140, 5.6133, 19.6325



110.6250, 2.1569, 8.2219



64.3930, 14.1033, 3.1633



56.0760, 1.4415, 4.3183



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



70.6140, 5.6133, 19.6325



85.7770, 8.4909, 30.0136



68.5620, -2.2491, 21.4321



42.8370, 0.5734, 2.7740



41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Inverse Universe

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



70.6140, 5.6133, 19.6325



85.7770, 8.4909, 30.0136



81.4380, 2.2491, -21.4321



42.8370, 0.5734, 2.7740



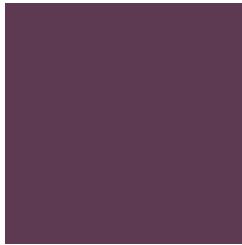
41.5540, 16.9819, 60.0271



89.6730, 37.1362, 129.2058

Previews

White Background



This preview shows how the YUV color 70.6140, 5.6133, 19.6325 looks on a white background.

Color Contrast Check

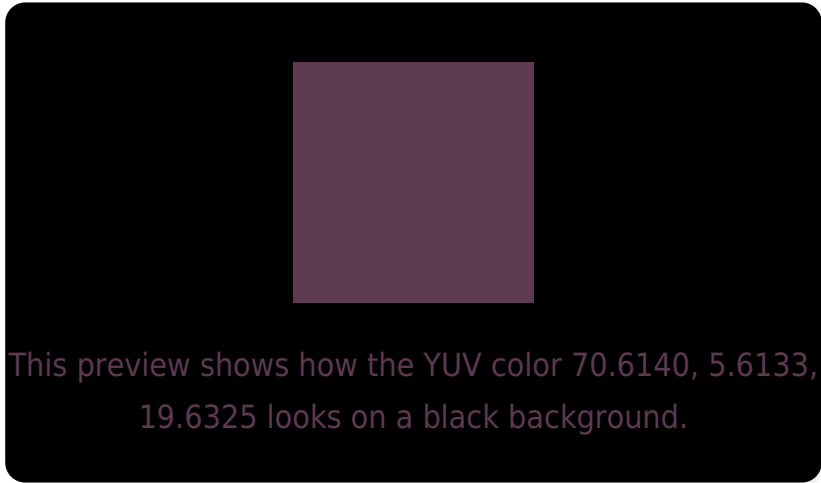
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

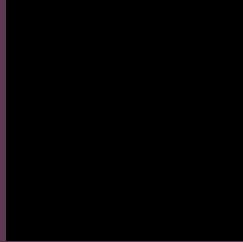
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6140, 5.6133, 19.6325

Background



This preview shows how black text looks on a background with the YUV color 70.6140, 5.6133, 19.6325.



This preview shows how white text looks on a background with the YUV color 70.6140, 5.6133,

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

70.6140, 5.6133, 19.6325

Protanopia

69.0130, 10.3466, -5.2734

Deuteranopia

69.3790, 5.2362, 0.5446



Tritanopia

69.8390, -2.3856, 18.5582

Trichromacy



Original Color

70.6140, 5.6133, 19.6325

Protanomaly

69.6120, 8.5723, 3.8483

Deuteranomaly

69.5370, 5.6513, 7.4221

Tritanomaly

70.2350, 0.3771, 19.0879

Monochromacy



Original Color

70.6140, 5.6133, 19.6325

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6140, 5.6133, 19.6325 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(93, 57, 82)` looks like.

```
.text, #text, p{  
    color:rgb(93, 57, 82)  
}
```

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(93, 57, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 57, 82) }
```

Border

The CSS property to change the border of an element to YUV 70.6140, 5.6133, 19.6325 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(93, 57, 82) }
```


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

```
.border{ border-color:rgb(93, 57, 82) }
```

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

Here you see how a box with a 4 pixel rgb(93, 57, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 57, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 57, 82);  
box-shadow:4px 4px 4px 4px rgb(93, 57, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.6140, 5.6133, 19.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 57, 82) }
```

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

```
.background{ background-color: rgb(93, 57,  
82) }
```

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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