

Converting Colors

YUV(71.5950, 0.6927, -35.6018)

Have a look what the booklet for
YUV(71.5950, 0.6927, -35.6018)
contains.

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Color

**YUV(71.5950, 0.6927,
-35.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	1F5C49
RGB	31, 92, 73
RGB Percent	12%, 36%, 29%
CMY	0.8784, 0.6392, 0.7137
CMYK	0.66, 0.00, 0.21, 0.64
HSL	161°, 50%, 24%
HSV	161°, 66%, 36%
XYZ	5.5948, 8.4266, 7.6350
YIQ	71.5950, -30.2570, -18.8410

Conversions

Conversions Part 2

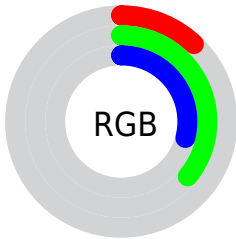
Format	Color
R_{YB}	31, 67, 92
Decimal	2055241
CIE _{Lab}	34.86, -24.71, 5.21
CIE _{LCh}	35, 25.251, 168.093
Yxy	8.4266, 0.2583, 0.3891
Android (android.graphics.Color)	4280245321 (0xFF1F5C49)
YUV	71.5950, 0.6927, -35.6018
Hunter-Lab	29.0287, -16.3971, 4.7260




Details

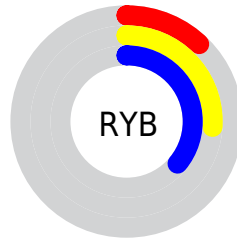
The YUV color **71.5950, 0.6927, -35.6018** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **51.4050, -0.6927, 35.6018**, and the grayscale version is **72.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.6660, -0.3283, -34.7871**, and **29.7210, -0.3555, -26.0653** is the 20% darker color. If you saturate the color by 10%, you get **68.5620, 0.7089, -40.8349**, and if you desaturate by 10%, it is **74.6280, 0.6764, -30.3688**.

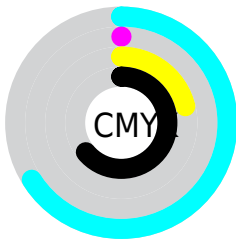
Distribution







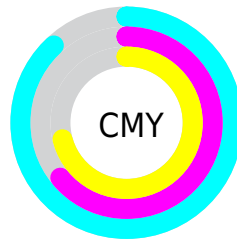
-  Red (12%)
-  Green (36%)
-  Blue (29%)






-  Red (12%)
-  Yellow (26%)
-  Blue (36%)



-  Cyan (66%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (64%)



-  Cyan (88%)
-  Magenta (64%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5950, 0.6927, -35.6018 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 71.5950, 0.6927, -35.6018 by changing the saturation by 10% instead.

71.5950, 0.6927,
-35.6018

71.5950, 0.6927,
-35.6018

255.0000, 0.0000,
0.0000

45.6160, 2.1613,
-40.0052

122.6660, -0.3283,
-34.7871

29.7210, -0.3555,
-26.0653

148.5520, -0.7651,
-34.6871

15.7180, -5.7770,
-13.7847

175.8400, -0.9071,
-35.8167

0.0000, 0.0000,
0.0000

203.4270, -1.1965,
-36.3315

232.0140, -1.4859,
-36.8463

243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

71.5950, 0.6927,
-35.6018

71.5950, 0.6927,
-35.6018

68.5620, 0.7089,
-40.8349

74.6280, 0.6764,
-30.3688

65.5290, 0.7252,
-46.0679

77.6610, 0.6601,
-25.1357

62.1970, 0.8889,
-51.9158

80.9930, 0.4965,
-19.2879

61.1860, 0.8943,
-53.6601

83.9120, 0.0434,
-13.9548

86.9450, 0.0271,
-8.7218

■ 89.9780, 0.0108,
-3.4887

■ 93.0110, -0.0054,
1.7444

■ 96.3430, -0.1691,
7.5922

■ 99.3760, -0.1854,
12.8252

Harmonies

Analogous

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



76.3390, -11.0131, -14.3293



71.5950, 0.6927, -35.6018



64.7200, 14.4350, -56.7594

Triad

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



71.5950, 0.6927, -35.6018



82.1680, 18.6512, -8.9173



82.1040, -14.3483, 28.8498

Complementary

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



71.5950, 0.6927, -35.6018



51.4050, -0.6927, 35.6018

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.



82.9010, -6.3602, 33.4128



71.5950, 0.6927, -35.6018



84.2910, 12.1815, 12.8998

Square

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



71.5950, 0.6927, -35.6018



74.4420, 22.9531, -35.4676



84.3870, 3.2602, 27.7246



81.0720, -19.2625, 18.3539

Rectangle

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



71.5950, 0.6927, -35.6018



66.0880, 19.6766, -57.9592



84.3870, 3.2602, 27.7246



82.3970, -12.0277, 31.2238

Sweetspot

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



71.5950, 0.6927, -35.6018



111.9120, 0.0434, -13.9548



72.4880, -20.4536, -19.7220



56.3580, 0.3165, -8.2070



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.



71.5950, 0.6927, -35.6018



87.8760, 1.0471, -56.0193



67.3040, 12.1751, -31.8386



44.2770, -0.1366, -2.8739



73.1200, 0.9268, -64.1262



157.7010, 2.6124, -138.3038

Inverse Universe

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



51.4050, -0.6927, 35.6018



56.1240, -1.0471, 56.0193



55.6960, -12.1751, 31.8386



42.7230, 0.1366, 2.8739



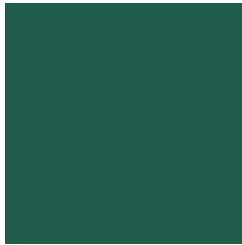
36.7660, -1.3636, 64.2262



79.2990, -2.6124, 138.3038

Previews

White Background



This preview shows how the YUV color 71.5950, 0.6927, -35.6018 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



This preview shows how the YUV color 71.5950, 0.6927, -35.6018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

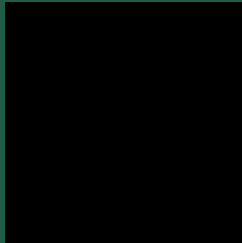
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5950, 0.6927, -35.6018

Background



This preview shows how black text looks on a background with the YUV color 71.5950, 0.6927, -35.6018.



This preview shows how white text looks on a background with the YUV color 71.5950, 0.6927, -35.6018.

-35.6018.

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

71.5950, 0.6927, -35.6018

Protanopia

81.0130, -6.4154, 4.3736

Deuteranopia

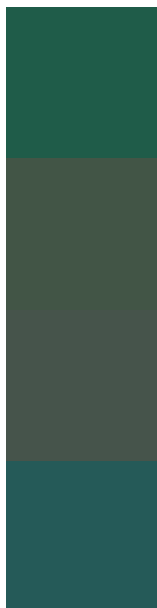
82.5450, -3.2267, 8.2920



Tritanopia

75.1470, 10.2805, -30.8239

Trichromacy



Original Color

71.5950, 0.6927, -35.6018

Protanomaly

77.6090, -3.7512, -10.1811

Deuteranomaly

78.7880, -1.8675, -7.7071

Tritanomaly

73.9250, 6.9390, -32.3832

Monochromacy



Original Color

71.5950, 0.6927, -35.6018

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.6240, 0.1854, -12.8252

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5950, 0.6927, -35.6018 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(31, 92, 73)` looks like.

```
.text, #text, p{  
    color:rgb(31, 92, 73)  
}
```

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(31, 92, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 92, 73) }
```

Border

The CSS property to change the border of an element to YUV 71.5950, 0.6927, -35.6018 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(31, 92, 73) }
```


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

```
.border{ border-color:rgb(31, 92, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 92, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 92, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 92, 73);  
box-shadow:4px 4px 4px 4px rgb(31, 92, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.5950, 0.6927, -35.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 92, 73) }
```

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

```
.background{ background-color: rgb(31, 92,  
73) }
```

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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