

Converting Colors

YUV(57.5030, 17.0070,
-41.6601)

Have a look what the booklet for
YUV(57.5030, 17.0070, -41.6601)
contains.

YUV(57.5030, 17.0070, -41.6601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(57.5030, 17.0070,
-41.6601)**

Conversions

Conversions Part 1

Format	Color
Hex	0A4B5C
RGB	10, 75, 92
RGB Percent	4%, 29%, 36%
CMY	0.9608, 0.7059, 0.6392
CMYK	0.89, 0.18, 0.00, 0.64
HSL	192°, 80%, 20%
HSV	192°, 89%, 36%
XYZ	4.5730, 5.8694, 11.0171
YIQ	57.5030, -44.1970, -8.4930

Conversions

Conversions Part 2

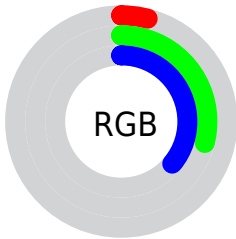
Format	Color
RYB	10, 46, 92
Decimal	674652
CIELab	29.08, -12.46, -15.47
CIElCh	29, 19.863, 231.158
Yxy	5.8694, 0.2131, 0.2735
Android (android.graphics.Color)	4278864732 (0xFF0A4B5C)
YUV	57.5030, 17.0070, -41.6601
Hunter-Lab	24.2268, -8.7036, -10.0032

Details

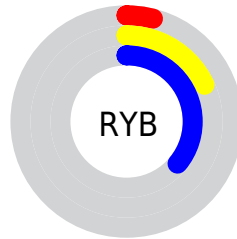
The YUV color **57.5030, 17.0070, -41.6601** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **44.4970, -17.0070, 41.6601**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9060, 15.8223, -34.9976**, and **23.4410, 11.1216, -20.5578** is the 20% darker color. If you saturate the color by 10%, you get **53.6380, 18.9125, -46.1635**, and if you desaturate by 10%, it is **61.3680, 15.1016, -37.1567**.

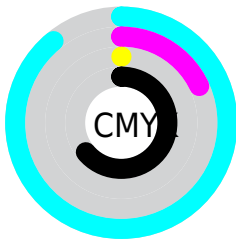
Distribution



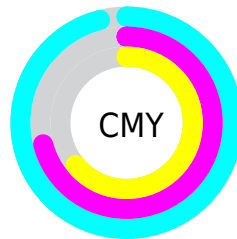
- Red (4%)
- Green (29%)
- Blue (36%)



- Red (4%)
- Yellow (18%)
- Blue (36%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5030, 17.0070, -41.6601 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 57.5030, 17.0070, -41.6601 by changing the saturation by 10% instead.

■ 57.5030, 17.0070,
-41.6601

■ 57.5030, 17.0070,
-41.6601

■ 255.0000, 0.0000,
0.0000

■ 38.2760, 14.6539,
-33.5681

■ 109.9060, 15.8223,
-34.9976

■ 23.4410, 11.1216,
-20.5578

■ 136.3190, 16.1117,
-34.4828

■ 3.5510, 11.0674,
-3.1142

■ 162.4330, 16.5485,
-34.5827

■ 0.0000, 0.0000,
0.0000

■ 190.4330, 16.5485,
-34.5827

■ 218.2480, 17.1327,
-35.2975

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 57.5030, 17.0070,
-41.6601

■ 57.5030, 17.0070,
-41.6601

■ 53.6380, 18.9125,
-46.1635

■ 61.3680, 15.1016,
-37.1567

■ 53.3390, 19.0599,
-46.7783

■ 65.2330, 13.1961,
-32.6533

■ 69.3970, 11.1433,
-27.5352

■ 73.2620, 9.2378,
-23.0318

■ 77.1270, 7.3324,
-18.5284

■ 80.4050, 5.7163,
-13.5102

■ 84.2700, 3.8109,
-9.0068

■ 88.4340, 1.7580,
-3.8886

■ 92.2990, -0.1474,
0.6148

Harmonies

Analogous

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



56.2980, 11.1921, -43.2343



57.5030, 17.0070, -41.6601



64.3250, 17.0948, -23.0870

Triad

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



57.5030, 17.0070, -41.6601



70.3000, 1.8241, 21.6619



66.4550, -13.5353, 1.3550

Complementary

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



57.5030, 17.0070, -41.6601



44.4970, -17.0070, 41.6601

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.



67.8910, -14.7363, 13.2506



57.5030, 17.0070, -41.6601



69.6720, -5.7543, 25.7207

Square

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



57.5030, 17.0070, -41.6601



70.6560, 8.5506, 10.8257



69.0430, -11.8532, 21.8873



64.5610, -7.6716, -12.7700

Rectangle

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



57.5030, 17.0070, -41.6601



67.9460, 15.3096, -10.4766



69.0430, -11.8532, 21.8873



66.6620, -14.1304, 5.5584

Sweetspot

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



57.5030, 17.0070, -41.6601



106.0240, 6.8902, -16.6840



59.9580, -16.7413, -43.8132



52.9710, 3.9583, -9.6216



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.



57.5030, 17.0070, -41.6601



69.4450, 24.9236, -60.9033



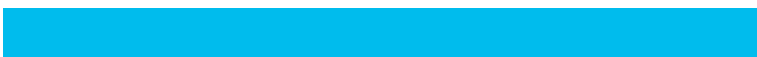
34.0230, 28.5827, -21.0682



43.9180, 1.0264, -2.5591



63.6090, 22.8708, -55.7851



137.3740, 49.1156, -120.4770

Inverse Universe

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



41.9280, 16.3045, 43.9131



46.7100, 23.8070, 64.2753



67.9770, -28.5827, 21.0682



42.9510, 1.0102, 2.6740



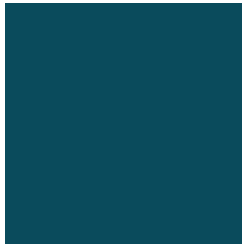
42.8080, 21.7867, 58.9274



92.2950, 47.1826, 126.9063

Previews

White Background



This preview shows how the YUV color 57.5030, 17.0070, -41.6601 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 57.5030, 17.0070, -41.6601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

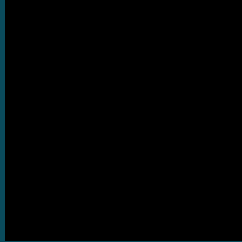
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

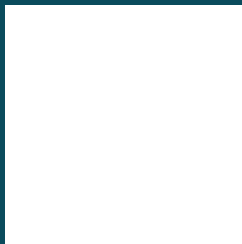
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 57.5030, 17.0070, -41.6601

Background



This preview shows how black text looks on a background with the YUV color 57.5030, 17.0070, -41.6601.



This preview shows how white text looks on a background with the YUV color 57.5030, 17.0070,

-41.6601.

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

57.5030, 17.0070, -41.6601

Protanopia

68.9700, 8.8888, -4.3587

Deuteranopia

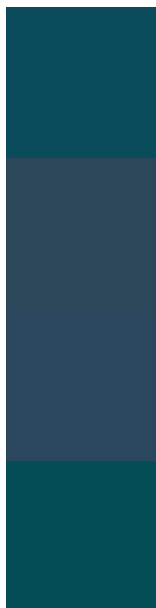
68.8710, 12.3886, -6.9029



Tritanopia

53.9600, 13.8237, -47.3229

Trichromacy



Original Color

57.5030, 17.0070, -41.6601

Protanomaly

64.9790, 11.8424, -18.3986

Deuteranomaly

64.8370, 13.8844, -20.0280

Tritanomaly

55.6120, 14.9813, -45.2637

Monochromacy



Original Color

57.5030, 17.0070, -41.6601

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.8070, 6.0111, -14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5030, 17.0070, -41.6601 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(10, 75, 92)` looks like.

```
.text, #text, p{  
    color:rgb(10, 75, 92)  
}
```

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(10, 75, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 75, 92) }
```

Border

The CSS property to change the border of an element to YUV 57.5030, 17.0070, -41.6601 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(10, 75, 92) }
```


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

```
.border{ border-color:rgb(10, 75, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 75, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 75, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 75, 92);  
box-shadow:4px 4px 4px 4px rgb(10, 75, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.5030, 17.0070, -41.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 75, 92) }
```

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

```
.background{ background-color: rgb(10, 75,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor