

Converting Colors

YUV(57.4570, 13.5787,
-15.3098)

Have a look what the booklet for
YUV(57.4570, 13.5787, -15.3098)
contains.

YUV(57.4570, 13.5787, -15.3098)	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(57.4570, 13.5787,
-15.3098)**

Conversions

Conversions Part 1

Format	Color
Hex	283D55
RGB	40, 61, 85
RGB Percent	16%, 24%, 33%
CMY	0.8431, 0.7608, 0.6667
CMYK	0.53, 0.28, 0.00, 0.67
HSL	212°, 36%, 25%
HSV	212°, 53%, 33%
XYZ	4.1835, 4.4445, 9.2317
YIQ	57.4570, -20.2200, 3.0120

Conversions

Conversions Part 2

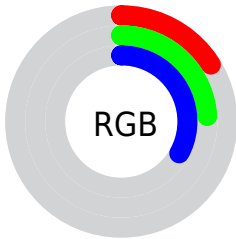
Format	Color
R _Y B	40, 54, 85
Decimal	2637141
CIE Lab	25.09, -0.57, -17.02
CIE LCh	25, 17.028, 268.073
Yxy	4.4445, 0.2342, 0.2489
Android (android.graphics.Color)	4280827221 (0xFF283D55)
YUV	57.4570, 13.5787, -15.3098
Hunter-Lab	21.0819, -1.4718, -11.2055

Details

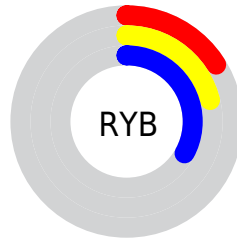
The YUV color **57.4570, 13.5787, -15.3098** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **67.5430, -13.5787, 15.3098**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0980, 14.7417, -14.9949**, and **15.7130, 11.9735, -13.7803** is the 20% darker color. If you saturate the color by 10%, you get **51.8310, 16.3523, -18.2688**, and if you desaturate by 10%, it is **62.7840, 10.9525, -12.9656**.

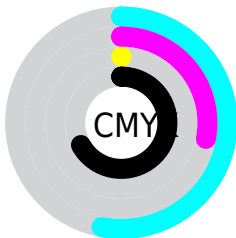
Distribution



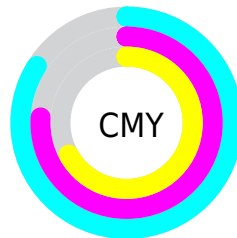
- Red (16%)
- Green (24%)
- Blue (33%)



- Red (16%)
- Yellow (21%)
- Blue (33%)



- Cyan (53%)
- Magenta (28%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (76%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.4570, 13.5787, -15.3098 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 57.4570, 13.5787, -15.3098 by changing the saturation by 10% instead.

■ 57.4570, 13.5787,
-15.3098

■ 57.4570, 13.5787,
-15.3098

■ 255.0000, 0.0000,
0.0000

■ 34.7450, 13.4367,
-16.4394

■ 105.0980, 14.7417,
-14.9949

■ 15.7130, 11.9735,
-13.7803

■ 130.2120, 15.1785,
-15.0949

■ 2.7530, 8.0098,
-2.4144

■ 156.9130, 15.3259,
-15.7097

■ 0.0000, 0.0000,
0.0000

■ 184.0270, 15.7627,
-15.8097

■ 211.4400, 16.0521,
-15.2949

■ 238.0890, 8.3371,

-14.1101

253.8040, 0.5896,
-2.4591

■ 57.4570, 13.5787,
-15.3098

■ 57.4570, 13.5787,
-15.3098

■ 51.8310, 16.3523,
-18.2688

■ 62.7840, 10.9525,
-12.9656

■ 47.0910, 18.6891,
-21.1278

■ 67.8230, 8.4683,
-9.4918

■ 41.7640, 21.3153,
-23.4720

■ 73.1500, 5.8421,
-7.1475

■ 36.7250, 23.7996,
-26.9458

■ 78.1890, 3.3578,
-3.6738

■ 33.1700, 25.5522,
-29.0901

■ 83.5160, 0.7316,
-1.3295

■ 88.5550, -1.7526,
2.1443

■ 93.8820, -4.3788,
4.4885

■ 98.9210, -6.8631,
7.9623

■ 104.2480, -9.4893,
10.3065

Harmonies

Analogous

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



52.4830, 14.0589, -29.3646



57.4570, 13.5787, -15.3098



60.1600, 10.7671, -0.1403

Triad

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



57.4570, 13.5787, -15.3098



60.5250, -6.1748, 20.5876



55.2450, -5.0508, -13.3699

Complementary

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



57.4570, 13.5787, -15.3098



67.5430, -13.5787, 15.3098

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.



57.2420, -10.4723, -1.0892



57.4570, 13.5787, -15.3098



59.6510, -10.6739, 16.9691

Square

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



57.4570, 13.5787, -15.3098



61.1210, -0.0597, 19.1879



58.5530, -12.1046, 9.1620



52.5300, 2.6967, -25.0208

Rectangle

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



57.4570, 13.5787, -15.3098



61.1180, 7.8298, 8.6665



58.5530, -12.1046, 9.1620



56.1100, -6.9562, -8.8665

Sweetspot

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



57.4570, 13.5787, -15.3098



98.7480, 5.5472, -5.9180



69.1510, -2.5394, -25.5654



49.1890, 3.3578, -3.6738



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



57.4570, 13.5787, -15.3098



66.4650, 21.4628, -24.0868



45.4290, 19.5085, -3.8842



40.6300, 1.1684, -1.4295



41.5480, 32.2678, -36.4376



90.7730, 71.1039, -79.6079

Inverse Universe

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



55.8490, 2.5394, 25.5654



63.9910, 3.9484, 40.3499



79.2720, -19.3611, 3.2695



40.4240, 0.2840, 2.2592



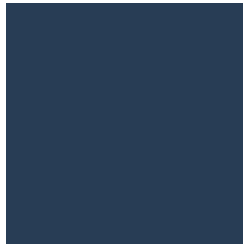
37.6930, 6.0674, 60.7822



82.6910, 12.9703, 133.5750

Previews

White Background



This preview shows how the YUV color 57.4570, 13.5787, -15.3098 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 57.4570, 13.5787, -15.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

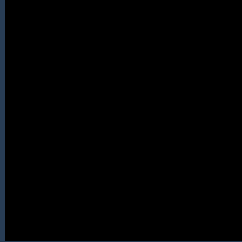
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

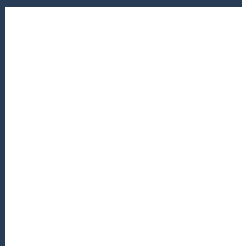
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 57.4570, 13.5787, -15.3098

Background



This preview shows how black text looks on a background with the YUV color 57.4570, 13.5787, -15.3098.



This preview shows how white text looks on a background with the YUV color 57.4570, 13.5787,

-15.3098.

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

57.4570, 13.5787, -15.3098

Protanopia

59.6430, 11.5150, -6.7029

Deuteranopia

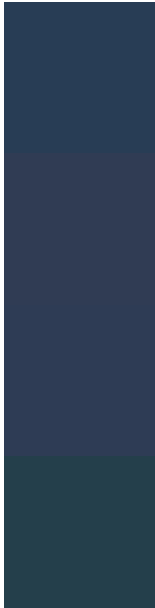
58.9740, 12.8308, -8.7472



Tritanopia

55.6000, 6.6062, -18.9432

Trichromacy



Original Color

57.4570, 13.5787, -15.3098

Protanomaly

59.1480, 12.2520, -9.7768

Deuteranomaly

58.6640, 12.9836, -11.1063

Tritanomaly

56.2950, 9.2216, -17.7987

Monochromacy



Original Color

57.4570, 13.5787, -15.3098

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9330, 4.9630, -5.2032

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.4570, 13.5787, -15.3098 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(40, 61, 85)` looks like.

```
.text, #text, p{  
    color:rgb(40, 61, 85)  
}
```

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(40, 61, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 61, 85) }
```

Border

The CSS property to change the border of an element to YUV 57.4570, 13.5787, -15.3098 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(40, 61, 85) }
```


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

```
.border{ border-color:rgb(40, 61, 85) }
```

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

Here you see how a box with a 4 pixel rgb(40, 61, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 61, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 61, 85);  
box-shadow:4px 4px 4px 4px rgb(40, 61, 85)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.4570, 13.5787, -15.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 61, 85) }
```

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

```
.background{ background-color: rgb(40, 61,  
85) }
```

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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