

Converting Colors

YUV(57.5500, 25.8579,
-33.8083)

Have a look what the booklet for
YUV(57.5500, 25.8579, -33.8083)
contains.

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Color

**YUV(57.5500, 25.8579,
-33.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	13436E
RGB	19, 67, 110
RGB Percent	7%, 26%, 43%
CMY	0.9255, 0.7373, 0.5686
CMYK	0.83, 0.39, 0.00, 0.57
HSL	208°, 71%, 25%
HSV	208°, 83%, 43%
XYZ	5.0902, 5.2785, 15.5024
YIQ	57.5500, -42.4110, 3.1970

Conversions

Conversions Part 2

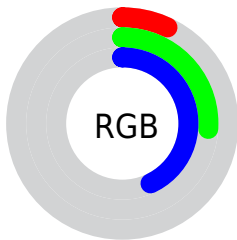
Format	Color
R_{YB}	19, 50, 110
Decimal	1262446
CIE _{Lab}	27.51, 0.91, -29.41
CIE _{LCh}	28, 29.424, 271.765
Yxy	5.2785, 0.1968, 0.2040
Android (android.graphics.Color)	4279452526 (0xFF13436E)
YUV	57.5500, 25.8579, -33.8083
Hunter-Lab	22.9751, -0.6593, -23.9233

Details

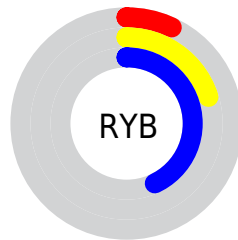
The YUV color **57.5500, 25.8579, -33.8083** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **71.4500, -25.8578, 33.8084**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.2950, 25.9836, -27.4457**, and **21.7430, 19.8467, -19.0686** is the 20% darker color. If you saturate the color by 10%, you get **51.3260, 28.9263, -37.9969**, and if you desaturate by 10%, it is **63.7740, 22.7894, -29.6198**.

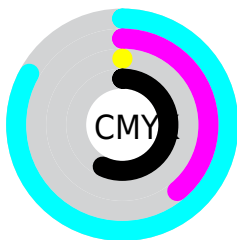
Distribution



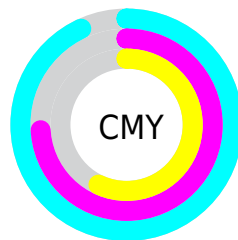
- Red (7%)
- Green (26%)
- Blue (43%)



- Red (7%)
- Yellow (20%)
- Blue (43%)



- Cyan (83%)
- Magenta (39%)
- Yellow (0%)
- Black (57%)



- Cyan (93%)
- Magenta (74%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.5500, 25.8579, -33.8083 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 57.5500, 25.8579, -33.8083 by changing the saturation by 10% instead.

■ 57.5500, 25.8579,
-33.8083

■ 57.5500, 25.8579,
-33.8083

■ 255.0000, 0.0000,
0.0000

■ 36.1050, 24.1052,
-31.6641

■ 109.2950, 25.9836,
-27.4457

■ 21.7430, 19.8467,
-19.0686

■ 135.1210, 26.5623,
-26.4161

■ 6.3210, 16.6037,
-5.5435

■ 161.6480, 27.2885,
-26.0013

■ 2.6390, 7.5730,
-2.3144

■ 188.8760, 28.1621,
-26.2013

■ 0.0000, 0.0000,
0.0000

■ 215.0090, 19.7156,
-23.6869

■ 240.4040, 7.1958,

-21.4023

252.0100, 1.4741,
-6.1478

57.5500, 25.8579,
-33.8083

57.5500, 25.8579,
-33.8083

51.3260, 28.9263,
-37.9969

63.7740, 22.7894,
-29.6198

46.5860, 31.2631,
-40.8559

69.9980, 19.7210,
-25.4312

76.8090, 16.3632,
-21.7575

83.0330, 13.2947,
-17.5689

89.2570, 10.2263,
-13.3804

■ 95.4810, 7.1579,
-9.1918

■ 101.7050, 4.0894,
-5.0033

■ 108.5160, 0.7316,
-1.3295

■ 114.7400, -2.3368,
2.8590

Harmonies

Analogous

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



54.7070, 24.3014, -47.9780



57.5500, 25.8579, -33.8083



66.1200, 18.1818, 1.6488

Triad

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



57.5500, 25.8579, -33.8083



64.4730, -10.5862, 35.5422



54.6190, -5.7282, -29.4839

Complementary

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



57.5500, 25.8579, -33.8083



71.4500, -25.8578, 33.8084

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.



60.2600, -17.8762, -6.3670



57.5500, 25.8579, -33.8083



63.8280, -19.1422, 26.4608

Square

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



57.5500, 25.8579, -33.8083



65.5190, -0.2559, 35.5018



62.2300, -22.2984, 12.0763



52.1360, 6.8350, -45.7233

Rectangle

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



57.5500, 25.8579, -33.8083



67.1390, 12.7495, 17.4181



62.2300, -22.2984, 12.0763



57.1210, -10.4127, -20.2771

Sweetspot

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



57.5500, 25.8579, -33.8083



122.2570, 10.2263, -13.3804



77.2050, -7.9891, -51.0458



58.8510, 5.9895, -7.7623



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.



57.5500, 25.8579, -33.8083



61.2130, 40.3210, -52.8068



31.1350, 38.8804, -10.6424



52.4450, 1.7526, -2.1443



50.6610, 34.1841, -44.4297



104.4680, 70.2683, -91.6184

Inverse Universe

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



51.6810, 7.5523, 51.1458



52.0080, 11.8281, 79.8000



97.8650, -38.8804, 10.6424



52.1360, 0.4260, 3.3887



43.0620, 9.8294, 67.4746



88.6730, 20.3742, 138.8528

Previews

White Background



This preview shows how the YUV color 57.5500, 25.8579, -33.8083 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 57.5500, 25.8579, -33.8083 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 57.5500, 25.8579, -33.8083

Background



This preview shows how black text looks on a background with the YUV color 57.5500, 25.8579, -33.8083.



This preview shows how white text looks on a background with the YUV color 57.5500, 25.8579,

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

57.5500, 25.8579, -33.8083

Protanopia

64.1180, 21.1408, -14.1355

Deuteranopia

60.8500, 24.2310, -25.3014



Tritanopia

51.1560, 13.2341, -44.8638

Trichromacy



Original Color

57.5500, 25.8579, -33.8083

Protanomaly

61.5300, 22.9097, -21.5128

Deuteranomaly

59.3550, 24.9680, -28.3753

Tritanomaly

53.4430, 18.0226, -40.7305

Monochromacy



Original Color

57.5500, 25.8579, -33.8083

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7410, 9.4947, -12.0509

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.5500, 25.8579, -33.8083 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(19, 67, 110)` looks like.

```
.text, #text, p{  
    color:rgb(19, 67, 110)  
}
```

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(19, 67, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 67, 110) }
```

Border

The CSS property to change the border of an element to YUV 57.5500, 25.8579, -33.8083 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(19, 67, 110) }
```


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

```
.border{ border-color:rgb(19, 67, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 67, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 67, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 67, 110);  
box-shadow:4px 4px 4px 4px rgb(19, 67,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 57.5500, 25.8579, -33.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 67, 110) }
```

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

```
.background{ background-color: rgb(19, 67,  
110) }
```

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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