

Converting Colors

YUV(68.5450, 6.6333, -27.6650)

Have a look what the booklet for
YUV(68.5450, 6.6333, -27.6650)
contains.

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Color

**YUV(68.5450, 6.6333,
-27.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	255252
RGB	37, 82, 82
RGB Percent	15%, 32%, 32%
CMY	0.8549, 0.6784, 0.6784
CMYK	0.55, 0.00, 0.00, 0.68
HSL	180°, 38%, 23%
HSV	180°, 55%, 32%
XYZ	5.3032, 7.0371, 9.0614
YIQ	68.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

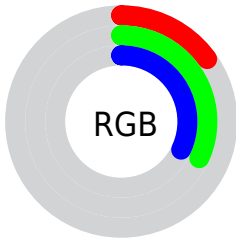
Format	Color
R_{YB}	37, 60, 82
Decimal	2445906
CIE _{Lab}	31.89, -15.37, -4.75
CIE _{LCh}	32, 16.084, 197.169
Yxy	7.0371, 0.2478, 0.3288
Android (android.graphics.Color)	4280635986 (0xFF255252)
YUV	68.5450, 6.6333, -27.6650
Hunter-Lab	26.5275, -10.7385, -1.6834

Details

The YUV color **68.5450, 6.6333, -27.6650** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.4550, -6.6333, 27.6650**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4310, 6.1965, -27.5650**, and **25.9370, 5.4541, -22.7467** is the 20% darker color. If you saturate the color by 10%, you get **66.1530, 7.8126, -32.5832**, and if you desaturate by 10%, it is **70.9370, 5.4541, -22.7467**.

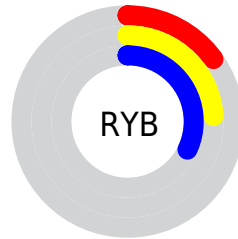
Distribution



Red (15%)

Green (32%)

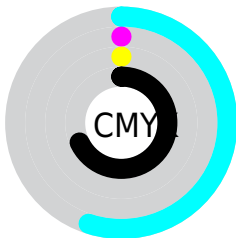
Blue (32%)



Red (15%)

Yellow (24%)

Blue (32%)

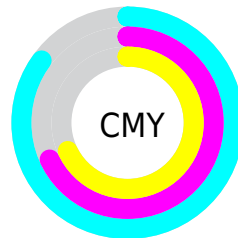


Cyan (55%)

Magenta (0%)

Yellow (0%)

Black (68%)



Cyan (85%)

Magenta (68%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.5450, 6.6333, -27.6650 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 68.5450, 6.6333, -27.6650 by changing the saturation by 10% instead.

■ 68.5450, 6.6333,
-27.6650

■ 68.5450, 6.6333,
-27.6650

■ 255.0000, 0.0000,
0.0000

■ 44.0500, 7.3704,
-30.7388

■ 118.4310, 6.1965,
-27.5650

■ 25.9370, 5.4541,
-22.7467

■ 144.1320, 6.3439,
-28.1798

■ 9.5690, 3.6635,
-8.3920

■ 170.8330, 6.4913,
-28.7945

■ 0.0000, 0.0000,
0.0000

■ 197.9470, 6.9281,
-28.8945

■ 226.5340, 6.6387,
-29.4093

■ 244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

68.5450, 6.6333,
-27.6650

68.5450, 6.6333,
-27.6650

66.1530, 7.8126,
-32.5832

70.9370, 5.4541,
-22.7467

63.7610, 8.9918,
-37.5014

73.3290, 4.2748,
-17.8285

61.0700, 10.3185,
-43.0344

76.0200, 2.9481,
-12.2955

58.6780, 11.4977,
-47.9526

78.4120, 1.7689,
-7.3773

57.4820, 12.0874,
-50.4117

80.8040, 0.5896,
-2.4591

■ 83.1960, -0.5896,
2.4591

■ 85.5880, -1.7689,
7.3773

■ 88.2790, -3.0955,
12.9103

■ 90.6710, -4.2748,
17.8285

Harmonies

Analogous

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



70.3520, -0.6665, -19.6027



68.5450, 6.6333, -27.6650



69.2120, 11.7275, -28.2499

Triad

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



68.5450, 6.6333, -27.6650



76.7050, 7.5404, 8.1517



74.6890, -11.6787, 12.5507

Complementary

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



68.5450, 6.6333, -27.6650



50.4550, -6.6333, 27.6650

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.



75.4170, -9.0796, 18.9283



68.5450, 6.6333, -27.6650



76.9790, 1.9824, 17.5584

Square

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



68.5450, 6.6333, -27.6650



75.3550, 11.6570, -5.5733



76.3940, -4.1382, 20.7025



74.0360, -11.3567, 2.5994

Rectangle

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



68.5450, 6.6333, -27.6650



71.2990, 13.1636, -22.1872



76.3940, -4.1382, 20.7025



75.1130, -11.3947, 14.8099

Sweetspot

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



68.5450, 6.6333, -27.6650



101.9170, 2.5059, -10.4512



63.4150, -13.0226, -23.1660



50.7110, 1.6215, -6.7625



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



68.5450, 6.6333, -27.6650



85.7710, 10.4659, -43.6492



55.0440, 13.2893, -15.8246



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516



162.6320, 34.1984, -142.6283

Inverse Universe

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



55.5850, 13.0226, 23.1660



65.3230, 20.5468, 36.5507



63.3690, -12.9999, 16.3394



38.6520, 1.1576, 2.0592



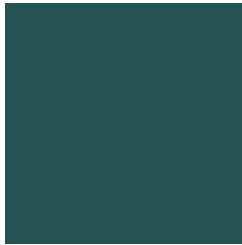
43.3650, 30.3861, 54.0539



95.8160, 67.1387, 119.4334

Previews

White Background



This preview shows how the YUV color 68.5450, 6.6333, -27.6650 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 68.5450, 6.6333, -27.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

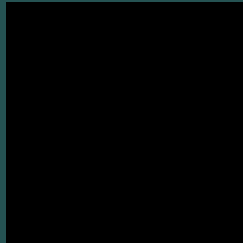
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

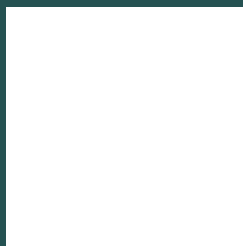
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 68.5450, 6.6333, -27.6650

Background



This preview shows how black text looks on a background with the YUV color 68.5450, 6.6333, -27.6650.



This preview shows how white text looks on a background with the YUV color 68.5450, 6.6333, -27.6650.

-27.6650.

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

68.5450, 6.6333, -27.6650

Protanopia

74.6410, 1.1630, 0.3148

Deuteranopia

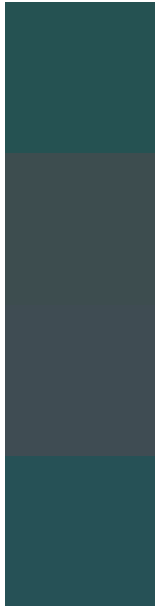
75.7490, 4.0677, 1.9741



Tritanopia

69.2400, 9.2487, -26.5205

Trichromacy



Original Color

68.5450, 6.6333, -27.6650

Protanomaly

72.4440, 3.2321, -10.0364

Deuteranomaly

72.9110, 4.9739, -8.6919

Tritanomaly

68.7130, 8.5225, -26.9353

Monochromacy



Original Color

68.5450, 6.6333, -27.6650

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.9170, 2.5059, -10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.5450, 6.6333, -27.6650 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(37, 82, 82)` looks like.

```
.text, #text, p{  
    color:rgb(37, 82, 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(37, 82, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 82, 82) }
```

Border

The CSS property to change the border of an element to YUV 68.5450, 6.6333, -27.6650 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(37, 82, 82) }
```


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

```
.border{ border-color:rgb(37, 82, 82) }
```

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

Here you see how a box with a 4 pixel rgb(37, 82, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 82, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 82, 82);  
box-shadow:4px 4px 4px 4px rgb(37, 82, 82)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.5450, 6.6333, -27.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 82, 82) }
```

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

```
.background{ background-color: rgb(37, 82,  
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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