

Converting Colors

YUV(68.4020, -6.6072, -27.5396)

Have a look what the booklet for
YUV(68.4020, -6.6072, -27.5396)
contains.

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Color

**YUV(68.4020, -6.6072,
-27.5396)**

Conversions

Conversions Part 1

Format	Color
Hex	255737
RGB	37, 87, 55
RGB Percent	15%, 34%, 22%
CMY	0.8549, 0.6588, 0.7843
CMYK	0.57, 0.00, 0.37, 0.66
HSL	142°, 40%, 24%
HSV	142°, 57%, 34%
XYZ	4.8607, 7.4855, 4.8031
YIQ	68.4020, -19.5280, -20.5520

Conversions

Conversions Part 2

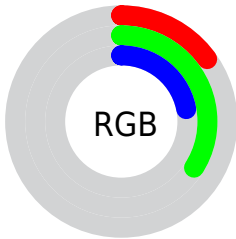
Format	Color
R_{YB}	37, 74, 87
Decimal	2447159
CIE _{Lab}	32.89, -25.13, 13.62
CIE _{LCh}	33, 28.586, 151.541
Yxy	7.4855, 0.2834, 0.4365
Android (android.graphics.Color)	4280637239 (0xFF255737)
YUV	68.4020, -6.6072, -27.5396
Hunter-Lab	27.3597, -16.1672, 8.7432

Details

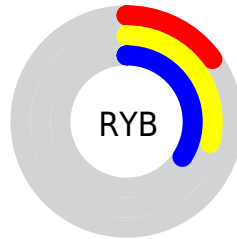
The YUV color **68.4020, -6.6072, -27.5396** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55.5980, 6.6072, 27.5396**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7610, -7.7702, -27.8544**, and **25.4350, -6.6235, -22.3065** is the 20% darker color. If you saturate the color by 10%, you get **65.0270, -7.9013, -32.4727**, and if you desaturate by 10%, it is **71.7770, -5.3131, -22.6064**.

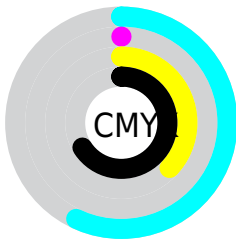
Distribution



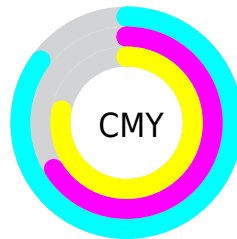
- Red (15%)
- Green (34%)
- Blue (22%)



- Red (15%)
- Yellow (29%)
- Blue (34%)



- Cyan (57%)
- Magenta (0%)
- Yellow (37%)
- Black (66%)



- Cyan (85%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.4020, -6.6072, -27.5396 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 68.4020, -6.6072, -27.5396 by changing the saturation by 10% instead.

■ 68.4020, -6.6072,
-27.5396

■ 68.4020, -6.6072,
-27.5396

255.0000, 0.0000,
0.0000

■ 43.7330, -5.2914,
-29.5838

■ 117.7610, -7.7702,
-27.8544

■ 25.4350, -6.6235,
-22.3065

■ 144.2340, -8.4964,
-28.2692

■ 10.5660, -5.2090,
-9.2664

■ 170.8210, -8.7858,
-28.7840

■ 0.0000, 0.0000,
0.0000

■ 198.4080, -9.0751,
-29.2988

■ 226.9950, -9.3645,
-29.8136

■ 242.6680, -3.2873,

-19.0028

253.5050, 0.7370,
-3.0739

68.4020, -6.6072,
-27.5396

68.4020, -6.6072,
-27.5396

65.0270, -7.9013,
-32.4727

71.7770, -5.3131,
-22.6064

62.0650, -8.9060,
-36.8910

74.7390, -4.3083,
-18.1881

58.6900, -10.2002,
-41.8241

78.1140, -3.0142,
-13.2550

55.4290, -11.0575,
-46.8572

81.3750, -2.1569,
-8.2219

54.6030, -11.6363,
-47.8868

84.7500, -0.8628,
-3.2887

■ 87.7120, 0.1420,
1.1296

■ 91.0870, 1.4361,
6.0627

■ 94.4620, 2.7302,
10.9958

■ 97.4240, 3.7350,
15.4142

Harmonies

Analogous

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



72.6730, -17.5868, -5.8522



68.4020, -6.6072, -27.5396



61.1350, 8.3144, -53.6154

Triad

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



68.4020, -6.6072, -27.5396



71.9420, 24.6786, -28.8901



77.3590, -11.0230, 35.6422

Complementary

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



68.4020, -6.6072, -27.5396



55.5980, 6.6072, 27.5396

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.



78.4050, -0.6927, 35.6018



68.4020, -6.6072, -27.5396



78.8210, 18.3292, 1.0340

Square

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



68.4020, -6.6072, -27.5396



63.2330, 26.5071, -55.4553



79.9610, 9.3862, 22.8362



76.5400, -19.0002, 27.5904

Rectangle

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



68.4020, -6.6072, -27.5396



62.8450, 14.8664, -55.1151



79.9610, 9.3862, 22.8362



77.5810, -7.6814, 37.2015

Sweetspot

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



68.4020, -6.6072, -27.5396



104.9510, -2.4408, -10.4810



76.2170, -19.3340, -5.4523



51.9130, -1.4361, -6.0627



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.



68.4020, -6.6072, -27.5396



83.3910, -10.0528, -42.4389



71.1380, 3.8760, -29.9390



41.5760, -0.2840, -2.2592



67.2550, -13.9297, -58.9826



147.5210, -31.3159, -129.3759

Inverse Universe

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



55.5980, 6.6072, 27.5396



63.6090, 10.0528, 42.4389



52.8620, -3.8760, 29.9390



40.5380, 0.7208, 2.1592



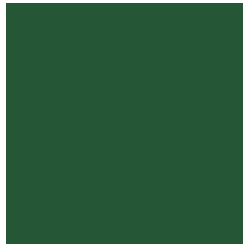
39.8590, 14.3665, 58.8827



87.3650, 30.8791, 129.4759

Previews

White Background



This preview shows how the YUV color 68.4020, -6.6072, -27.5396 looks on a white background.

Color Contrast Check

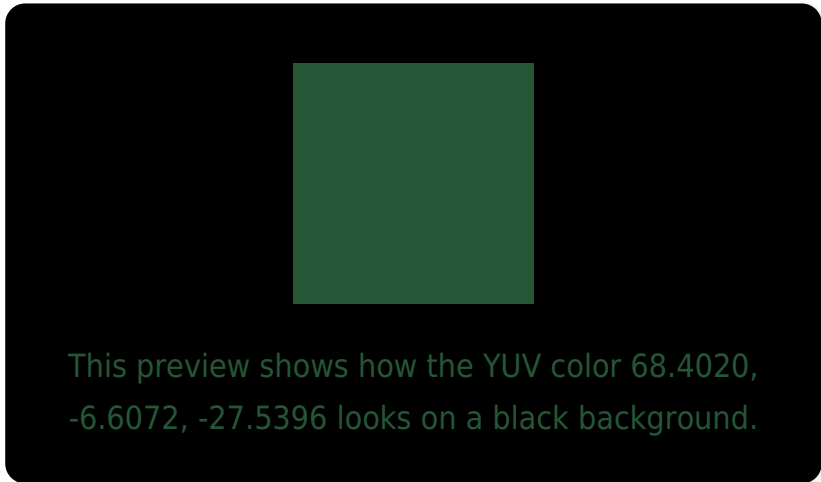
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

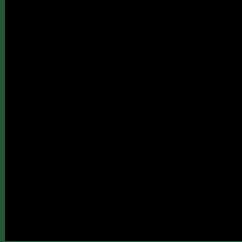
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.4020, -6.6072, -27.5396

Background



This preview shows how black text looks on a background with the YUV color 68.4020, -6.6072, -27.5396.



This preview shows how white text looks on a background with the YUV color 68.4020, -6.6072,

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

68.4020, -6.6072, -27.5396

Protanopia

76.1290, -12.3886, 6.9029

Deuteranopia

77.2590, -9.4947, 12.0509



Tritanopia

72.9200, 7.9274, -22.7318

Trichromacy



Original Color

68.4020, -6.6072, -27.5396

Protanomaly

73.5080, -10.6034, -5.7075

Deuteranomaly

74.1000, -8.4303, -2.7187

Tritanomaly

70.9430, 2.9861, -24.5060

Monochromacy



Original Color

68.4020, -6.6072, -27.5396

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.2500, -2.5882, -9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.4020, -6.6072, -27.5396 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, 87, 55)` looks like.

```
.text, #text, p{  
    color:rgb(37, 87, 55)  
}
```

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, 87, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 87, 55) }
```

Border

The CSS property to change the border of an element to YUV 68.4020, -6.6072, -27.5396 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, 87, 55) }
```


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

```
.border{ border-color:rgb(37, 87, 55) }
```

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

Here you see how a box with a 4 pixel rgb(37, 87, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 87, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 87, 55);  
box-shadow:4px 4px 4px 4px rgb(37, 87, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.4020, -6.6072, -27.5396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 87, 55) }
```

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

```
.background{ background-color: rgb(37, 87,  
55) }
```

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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