

Converting Colors

YUV(67.3790, -1.6658, -25.7654)

Have a look what the booklet for
YUV(67.3790, -1.6658, -25.7654)
contains.

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Color

**YUV(67.3790, -1.6658,
-25.7654)**

Conversions

Conversions Part 1

Format	Color
Hex	265340
RGB	38, 83, 64
RGB Percent	15%, 33%, 25%
CMY	0.8510, 0.6745, 0.7490
CMYK	0.54, 0.00, 0.23, 0.67
HSL	155°, 37%, 24%
HSV	155°, 54%, 33%
XYZ	4.8180, 6.9687, 5.9417
YIQ	67.3790, -20.7210, -15.4490

Conversions

Conversions Part 2

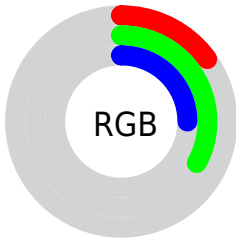
Format	Color
R_{YB}	38, 67, 83
Decimal	2511680
CIE _{Lab}	31.74, -20.71, 6.44
CIE _{LCh}	32, 21.690, 162.720
Yxy	6.9687, 0.2718, 0.3931
Android (android.graphics.Color)	4280701760 (0xFF265340)
YUV	67.3790, -1.6658, -25.7654
Hunter-Lab	26.3984, -13.6189, 5.1341

Details

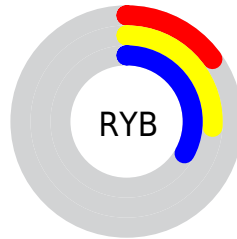
The YUV color **67.3790, -1.6658, -25.7654** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **53.6210, 1.6658, 25.7654**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.8520, -2.3920, -26.1802**, and **24.8140, -1.3873, -21.7619** is the 20% darker color. If you saturate the color by 10%, you get **64.5310, -2.2338, -30.2837**, and if you desaturate by 10%, it is **70.2270, -1.0979, -21.2471**.

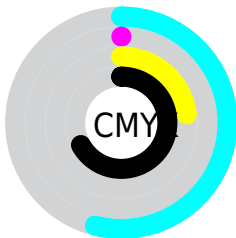
Distribution



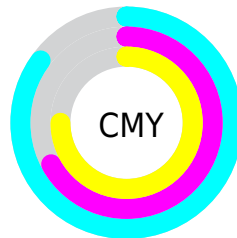
- Red (15%)
- Green (33%)
- Blue (25%)



- Red (15%)
- Yellow (26%)
- Blue (33%)



- Cyan (54%)
- Magenta (0%)
- Yellow (23%)
- Black (67%)



- Cyan (85%)
- Magenta (67%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.3790, -1.6658, -25.7654 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 67.3790, -1.6658, -25.7654 by changing the saturation by 10% instead.

67.3790, -1.6658,
-25.7654

67.3790, -1.6658,
-25.7654

255.0000, 0.0000,
0.0000

43.8950, -0.9342,
-27.0949

116.8520, -2.3920,
-26.1802

24.8140, -1.3873,
-21.7619

142.4390, -2.6814,
-26.6950

7.0440, -3.4727,
-6.1776

169.0260, -2.9708,
-27.2098

0.0000, 0.0000,
0.0000

196.6130, -3.2602,
-27.7246

224.3140, -3.1128,
-28.3394

243.9220, 1.5175,

-20.1026

253.2060, 0.8844,
-3.6887

67.3790, -1.6658,
-25.7654

67.3790, -1.6658,
-25.7654

64.5310, -2.2338,
-30.2837

70.2270, -1.0979,
-21.2471

61.4980, -2.2175,
-35.5167

73.2600, -1.1142,
-16.0140

58.6500, -2.7854,
-40.0350

76.1080, -0.5462,
-11.4957

55.9160, -2.9166,
-44.6533

78.8420, -0.4151,
-6.8774

54.1930, -3.0531,
-47.5273

81.6900, 0.1528,
-2.3591

■ 84.7230, 0.1366,
2.8739

■ 87.5710, 0.7045,
7.3922

■ 90.3050, 0.8356,
12.0105

■ 93.4520, 1.2562,
17.1436

Harmonies

Analogous

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



70.4860, -10.5926, -9.1962



67.3790, -1.6658, -25.7654



61.6460, 10.0345, -45.2935

Triad

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



67.3790, -1.6658, -25.7654



74.2880, 16.6200, -10.7766



75.4780, -11.5747, 25.8908

Complementary

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



67.3790, -1.6658, -25.7654



53.6210, 1.6658, 25.7654

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.



75.8510, -3.8705, 28.1947



67.3790, -1.6658, -25.7654



77.0300, 11.3242, 7.8667

Square

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



67.3790, -1.6658, -25.7654



67.8400, 19.3059, -32.3087



77.1690, 3.8607, 21.7768



73.9840, -15.7681, 17.5540

Rectangle

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



67.3790, -1.6658, -25.7654



59.2090, 16.1660, -51.9263



77.1690, 3.8607, 21.7768



75.4720, -9.1067, 27.6501

Sweetspot

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



67.3790, -1.6658, -25.7654



101.1190, -0.5517, -9.7514



70.0960, -15.8233, -11.4852



50.1410, -0.5625, -6.2627



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.



67.3790, -1.6658, -25.7654



82.7640, -2.3487, -40.1350



67.7840, 7.5015, -26.1206



39.5760, -0.2840, -2.2592



68.4750, -4.1782, -60.0526



151.4600, -8.6078, -132.8304

Inverse Universe

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



53.6210, 1.6658, 25.7654



61.3500, 2.7855, 40.0351



53.2160, -7.5015, 26.1206



38.3100, -0.1528, 2.3591



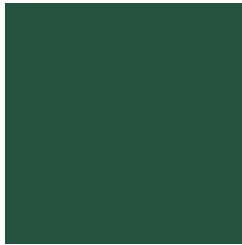
36.4110, 3.7414, 60.1526



80.5400, 8.6078, 132.8304

Previews

White Background



This preview shows how the YUV color 67.3790, -1.6658, -25.7654 looks on a white background.

Color Contrast Check

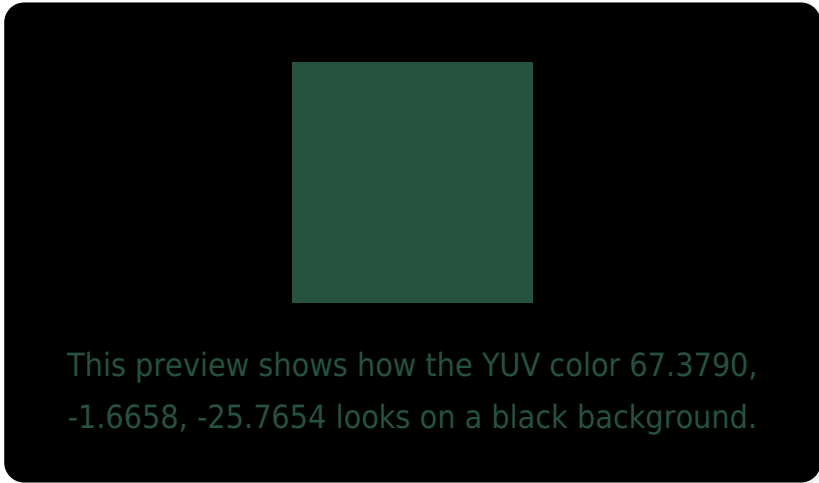
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.3790, -1.6658, -25.7654 Background



This preview shows how black text looks on a background with the YUV color 67.3790, -1.6658, -25.7654.



This preview shows how white text looks on a background with the YUV color 67.3790, -1.6658,

-25.7654.

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

67.3790, -1.6658, -25.7654

Protanopia

73.8990, -6.8522, 4.4736

Deuteranopia

74.9040, -4.3897, 7.9772



Tritanopia

70.2190, 7.7800, -22.1171

Trichromacy



Original Color

67.3790, -1.6658, -25.7654

Protanomaly

71.2890, -5.0725, -6.3925

Deuteranomaly

72.0550, -3.4781, -4.4332

Tritanomaly

68.9970, 4.4385, -23.6764

Monochromacy



Original Color

67.3790, -1.6658, -25.7654

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1190, -0.5517, -9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.3790, -1.6658, -25.7654 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(38, 83, 64)` looks like.

```
.text, #text, p{  
    color:rgb(38, 83, 64)  
}
```

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(38, 83, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 83, 64) }
```

Border

The CSS property to change the border of an element to YUV 67.3790, -1.6658, -25.7654 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(38, 83, 64) }
```


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

```
.border{ border-color:rgb(38, 83, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 83, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 83, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 83, 64);  
box-shadow:4px 4px 4px 4px rgb(38, 83, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.3790, -1.6658, -25.7654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 83, 64) }
```

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

```
.background{ background-color: rgb(38, 83,  
64) }
```

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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