

Converting Colors

YUV(68.3940, 5.7218, -15.2545)

Have a look what the booklet for
YUV(68.3940, 5.7218, -15.2545)
contains.

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Color

**YUV(68.3940, 5.7218,
-15.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	334B50
RGB	51, 75, 80
RGB Percent	20%, 29%, 31%
CMY	0.8000, 0.7059, 0.6863
CMYK	0.36, 0.06, 0.00, 0.69
HSL	190°, 22%, 26%
HSV	190°, 36%, 31%
XYZ	5.3293, 6.3151, 8.5275
YIQ	68.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

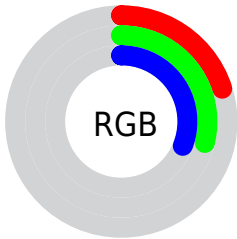
Format	Color
RYB	51, 64, 80
Decimal	3361616
CIELab	30.19, -7.74, -5.92
CIElCh	30, 9.747, 217.433
Yxy	6.3151, 0.2642, 0.3131
Android (android.graphics.Color)	4281551696 (0xFF334B50)
YUV	68.3940, 5.7218, -15.2545
Hunter-Lab	25.1300, -6.1231, -2.5282

Details

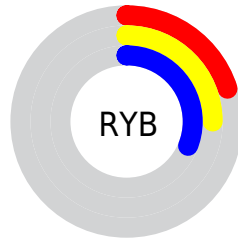
The YUV color **68.3940, 5.7218, -15.2545** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.6060, -5.7218, 15.2545**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.0950, 5.8692, -15.8693**, and **24.0950, 5.8692, -15.8693** is the 20% darker color. If you saturate the color by 10%, you get **65.4150, 7.1904, -19.6580**, and if you desaturate by 10%, it is **71.3730, 4.2531, -10.8511**.

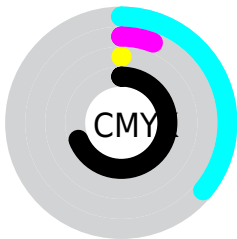
Distribution



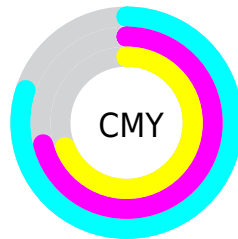
- Red (20%)
- Green (29%)
- Blue (31%)



- Red (20%)
- Yellow (25%)
- Blue (31%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 68.3940, 5.7218, -15.2545 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 68.3940, 5.7218, -15.2545 by changing the saturation by 10% instead.

■ 68.3940, 5.7218,
-15.2545

■ 68.3940, 5.7218,
-15.2545

■ 255.0000, 0.0000,
0.0000

■ 45.6930, 5.5744,
-14.6398

■ 117.0950, 5.8692,
-15.8693

■ 24.0950, 5.8692,
-15.8693

■ 142.7960, 6.0166,
-16.4841

■ 2.7700, 5.5364,
-2.4293

■ 168.9100, 6.4534,
-16.5841

■ 0.0000, 0.0000,
0.0000

■ 196.6110, 6.6008,
-17.1988

■ 224.6110, 6.6008,
-17.1988

■ 248.4220, 3.2430,

-13.5251

■ 68.3940, 5.7218,
-15.2545

■ 68.3940, 5.7218,
-15.2545

■ 65.4150, 7.1904,
-19.6580

■ 71.3730, 4.2531,
-10.8511

■ 61.8490, 8.9484,
-23.5466

■ 74.9390, 2.4951,
-6.9625

■ 58.8700, 10.4171,
-27.9500

■ 77.9180, 1.0264,
-2.5591

■ 55.3040, 12.1751,
-31.8386

■ 81.4840, -0.7316,
1.3295

■ 52.3250, 13.6438,
-36.2420

■ 84.4630, -2.2003,
5.7329

■ 49.3460, 15.1124,
-40.6454

■ 87.4420, -3.6689,
10.1364

■ 47.8620, 15.8440,
-41.9750

■ 91.0080, -5.4269,
14.0250

■ 93.9870, -6.8956,
18.4284

■ 96.9660, -8.3642,
22.8318

Harmonies

Analogous

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



68.4820, 2.2274, -14.4547



68.3940, 5.7218, -15.2545



69.2850, 7.7475, -11.6509

Triad

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



68.3940, 5.7218, -15.2545



72.9240, 2.0095, 8.8367



70.4860, -7.1416, 3.9588

Complementary

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



68.3940, 5.7218, -15.2545



62.6060, -5.7218, 15.2545

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.



71.5190, -7.1579, 9.1918



68.3940, 5.7218, -15.2545



72.6210, -1.7852, 12.6104

Square

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



68.3940, 5.7218, -15.2545



72.3900, 5.2307, 2.2890



72.1110, -4.9847, 12.1807



69.6100, -5.2307, -2.2890

Rectangle

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



68.3940, 5.7218, -15.2545



70.6060, 7.5892, -7.5475



72.1110, -4.9847, 12.1807



70.7960, -7.2944, 6.3179

Sweetspot

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



68.3940, 5.7218, -15.2545



100.2380, 2.3477, -6.3477



68.5930, -6.2083, -15.4291



50.7330, 1.6106, -3.2738



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.



68.3940, 5.7218, -15.2545



86.5500, 9.0959, -24.1613



60.1760, 9.7732, -8.0474



39.2170, 0.8790, -1.9443



63.0390, 20.6868, -55.2852



139.1520, 45.7741, -122.0363

Inverse Universe

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



62.4070, 6.2083, 15.4291



77.0860, 9.8176, 24.4806



70.8240, -9.7732, 8.0474



38.5380, 0.7208, 2.1592



41.3130, 22.5237, 55.8535



91.2560, 49.6668, 123.4325

Previews

White Background



This preview shows how the YUV color 68.3940, 5.7218, -15.2545 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 68.3940, 5.7218, -15.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

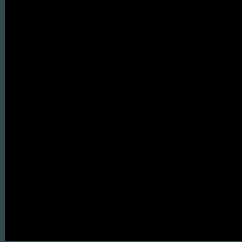
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 68.3940, 5.7218, -15.2545

Background



This preview shows how black text looks on a background with the YUV color 68.3940, 5.7218, -15.2545.



This preview shows how white text looks on a background with the YUV color 68.3940, 5.7218, -15.2545.

-15.2545.

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

68.3940, 5.7218, -15.2545

Protanopia

70.7980, 3.0576, -0.6998

Deuteranopia

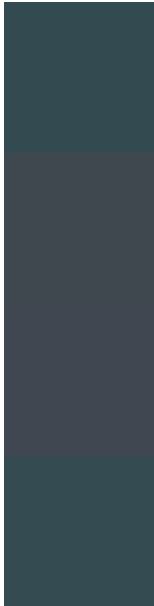
71.5640, 4.6519, 1.2594



Tritanopia

68.5080, 6.1586, -15.3545

Trichromacy



Original Color

68.3940, 5.7218, -15.2545

Protanomaly

69.9930, 3.9475, -6.1329

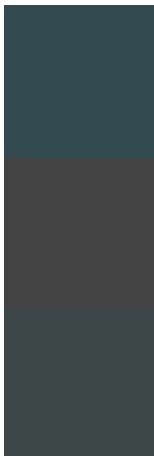
Deuteranomaly

70.3460, 5.2524, -4.6884

Tritanomaly

68.5080, 6.1586, -15.3545

Monochromacy



Original Color

68.3940, 5.7218, -15.2545

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.4230, 1.7635, -5.6330

CSS Examples

Text

The CSS property to change the color of the text to YUV 68.3940, 5.7218, -15.2545 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(51, 75, 80)` looks like.

```
.text, #text, p{  
    color:rgb(51, 75, 80)  
}
```

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(51, 75, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 75, 80) }
```

Border

The CSS property to change the border of an element to YUV 68.3940, 5.7218, -15.2545 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(51, 75, 80) }
```


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

```
.border{ border-color:rgb(51, 75, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 75, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 75, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 75, 80);  
box-shadow:4px 4px 4px 4px rgb(51, 75, 80)  
}
```

Background

The CSS property to change the background color of an element to YUV 68.3940, 5.7218, -15.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 75, 80) }
```

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

```
.background{ background-color: rgb(51, 75,  
80) }
```

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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