

Converting Colors

YUV(75.8260, 10.4388,
-34.9274)

Have a look what the booklet for
YUV(75.8260, 10.4388, -34.9274)
contains.

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Color

**YUV(75.8260, 10.4388,
-34.9274)**

Conversions

Conversions Part 1

Format	Color
Hex	245C61
RGB	36, 92, 97
RGB Percent	14%, 36%, 38%
CMY	0.8588, 0.6392, 0.6196
CMYK	0.63, 0.05, 0.00, 0.62
HSL	185°, 46%, 26%
HSV	185°, 63%, 38%
XYZ	6.7124, 8.8924, 12.6719
YIQ	75.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

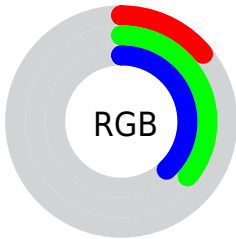
Format	Color
R_{YB}	36, 65, 97
Decimal	2382945
CIE _{Lab}	35.78, -16.50, -8.38
CIE _{LCh}	36, 18.506, 206.915
Yxy	8.8924, 0.2374, 0.3145
Android (android.graphics.Color)	4280573025 (0xFF245C61)
YUV	75.8260, 10.4388, -34.9274
Hunter-Lab	29.8202, -12.0059, -4.3208




Details

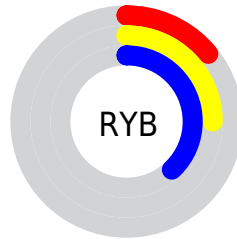
The YUV color **75.8260, 10.4388, -34.9274** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.1740, -10.4388, 34.9274**, and the grayscale version is **76.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.5380, 10.5808, -33.7978**, and **32.8160, 8.9647, -28.7796** is the 20% darker color. If you saturate the color by 10%, you get **72.2490, 12.2022, -40.5604**, and if you desaturate by 10%, it is **79.4030, 8.6753, -29.2944**.

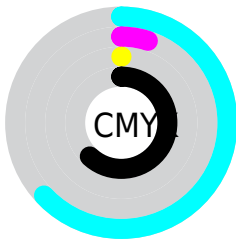
Distribution







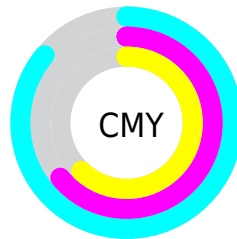
-  Red (14%)
-  Green (36%)
-  Blue (38%)






-  Red (14%)
-  Yellow (25%)
-  Blue (38%)



-  Cyan (63%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (86%)
-  Magenta (64%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8260, 10.4388, -34.9274 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 75.8260, 10.4388, -34.9274 by changing the saturation by 10% instead.

■ 75.8260, 10.4388,
-34.9274

■ 75.8260, 10.4388,
-34.9274

■ 255.0000, 0.0000,
0.0000

■ 48.8360, 11.9129,
-41.0752

■ 126.5380, 10.5808,
-33.7978

■ 32.8160, 8.9647,
-28.7796

■ 153.1250, 10.2914,
-34.3126

■ 18.6820, 5.5798,
-16.3841

■ 180.2390, 10.7282,
-34.4126

■ 0.3420, 1.3104,
-0.2999

■ 208.2390, 10.7282,
-34.4126

■ 0.0000, 0.0000,
0.0000

■ 236.1850, 9.2758,
-35.2422

■ 246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 75.8260, 10.4388,
-34.9274

■ 75.8260, 10.4388,
-34.9274

■ 72.2490, 12.2022,
-40.5604

■ 79.4030, 8.6753,
-29.2944

■ 68.9710, 13.8183,
-45.5786

■ 82.6810, 7.0593,
-24.2762

■ 65.9810, 15.2924,
-51.7263

■ 85.6710, 5.5852,
-18.1285

■ 63.3010, 16.6136,
-55.5150

■ 89.2480, 3.8217,
-12.4955

■ 92.8250, 2.0583,
-6.8625

■ 96.1030, 0.4422,
-1.8443

■ 99.6800, -1.3212,
3.7886

■ 102.6700, -2.7953,
9.9364

■ 105.9480, -4.4114,
14.9546

Harmonies

Analogous

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



77.4050, 2.2653, -26.6652



75.8260, 10.4388, -34.9274



77.7000, 14.9379, -31.3089

Triad

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



75.8260, 10.4388, -34.9274



86.6240, 7.0874, 13.4848



83.6950, -14.1466, 10.7915

Complementary

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



75.8260, 10.4388, -34.9274



57.1740, -10.4388, 34.9274

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.



84.9180, -12.2846, 20.2429



75.8260, 10.4388, -34.9274



86.1430, -0.0705, 22.6766

Square

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



75.8260, 10.4388, -34.9274



85.2030, 12.2249, -1.0550



85.3190, -7.0593, 24.2762



81.7860, -12.2195, -0.6893

Rectangle

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



75.8260, 10.4388, -34.9274



80.3960, 16.0738, -22.2723



85.3190, -7.0593, 24.2762



83.7170, -14.1575, 14.2802

Sweetspot

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



75.8260, 10.4388, -34.9274



116.6500, 4.1166, -13.7250



72.2630, -15.9057, -31.8027



58.9280, 2.5005, -8.7069



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



75.8260, 10.4388, -34.9274



92.1980, 16.1714, -53.6706



58.2160, 19.1205, -19.4834



46.8040, 0.5896, -2.4591



73.2290, 19.1141, -64.2218



156.5000, 41.1655, -137.2505

Inverse Universe

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



60.6230, 15.4689, 31.9026



68.9100, 23.7084, 49.1909



74.7840, -19.1205, 19.4834



45.6520, 1.1576, 2.0592



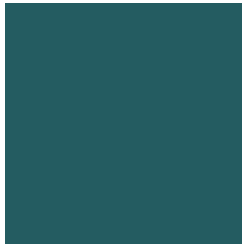
45.2300, 28.4806, 58.5573



96.8400, 60.7179, 125.5513

Previews

White Background



This preview shows how the YUV color 75.8260, 10.4388, -34.9274 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 75.8260, 10.4388, -34.9274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

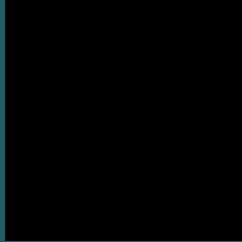
Any Text WCAG AA × Fail

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 75.8260, 10.4388, -34.9274 Background



This preview shows how black text looks on a background with the YUV color 75.8260, 10.4388, -34.9274.



This preview shows how white text looks on a background with the YUV color 75.8260, 10.4388,

-34.9274.

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

75.8260, 10.4388, -34.9274

Protanopia

83.9120, 3.4944, -0.7998

Deuteranopia

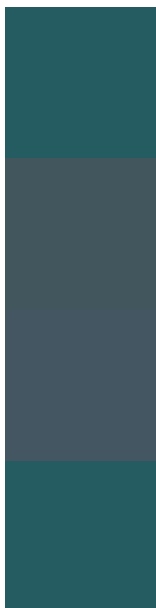
84.5360, 7.1308, -0.4701



Tritanopia

76.3530, 11.1650, -34.5126

Trichromacy



Original Color

75.8260, 10.4388, -34.9274

Protanomaly

80.8180, 6.0057, -12.9954

Deuteranomaly

81.6870, 8.0423, -12.8805

Tritanomaly

76.2390, 10.7282, -34.4126

Monochromacy



Original Color

75.8260, 10.4388, -34.9274

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9490, 3.9691, -13.1103

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8260, 10.4388, -34.9274 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(36, 92, 97)` looks like.

```
.text, #text, p{  
    color:rgb(36, 92, 97)  
}
```

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(36, 92, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 92, 97) }
```

Border

The CSS property to change the border of an element to YUV 75.8260, 10.4388, -34.9274 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(36, 92, 97) }
```


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

```
.border{ border-color:rgb(36, 92, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 92, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 92, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 92, 97);  
box-shadow:4px 4px 4px 4px rgb(36, 92, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.8260, 10.4388, -34.9274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 92, 97) }
```

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

```
.background{ background-color: rgb(36, 92,  
97) }
```

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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