

Converting Colors

YUV(76.5750, 14.5065,
-32.9533)

Have a look what the booklet for
YUV(76.5750, 14.5065, -32.9533)
contains.

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Color

**YUV(76.5750, 14.5065,
-32.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	275A6A
RGB	39, 90, 106
RGB Percent	15%, 35%, 42%
CMY	0.8471, 0.6471, 0.5843
CMYK	0.63, 0.15, 0.00, 0.58
HSL	194°, 46%, 28%
HSV	194°, 63%, 42%
XYZ	7.0944, 8.7843, 14.9573
YIQ	76.5750, -35.5320, -5.8360

Conversions

Conversions Part 2

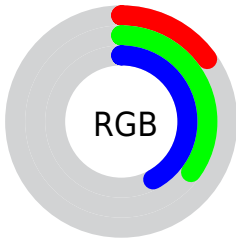
Format	Color
R_{YB}	39, 68, 106
Decimal	2579050
CIE _{Lab}	35.57, -11.74, -14.29
CIE _{LCh}	36, 18.496, 230.583
Yxy	8.7843, 0.2301, 0.2849
Android (android.graphics.Color)	4280769130 (0xFF275A6A)
YUV	76.5750, 14.5065, -32.9533
Hunter-Lab	29.6383, -9.1402, -9.1746

Details

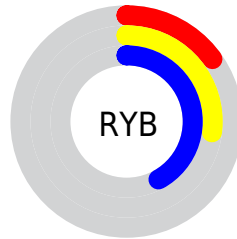
The YUV color **76.5750, 14.5065, -32.9533** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **68.4250, -14.5065, 32.9533**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.2870, 14.6485, -31.8237**, and **32.5540, 13.0379, -28.5499** is the 20% darker color. If you saturate the color by 10%, you get **71.5250, 16.9962, -38.1714**, and if you desaturate by 10%, it is **81.6250, 12.0169, -27.7351**.

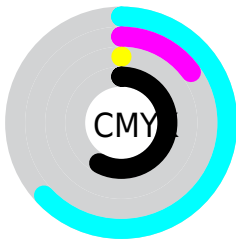
Distribution



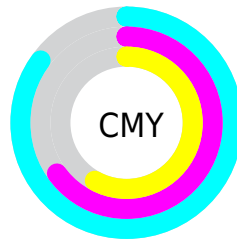
- Red (15%)
- Green (35%)
- Blue (42%)



- Red (15%)
- Yellow (27%)
- Blue (42%)



- Cyan (63%)
- Magenta (15%)
- Yellow (0%)
- Black (58%)



- Cyan (85%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5750, 14.5065, -32.9533 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 76.5750, 14.5065, -32.9533 by changing the saturation by 10% instead.

■ 76.5750, 14.5065,
-32.9533

■ 76.5750, 14.5065,
-32.9533

255.0000, 0.0000,
0.0000

■ 50.4710, 15.5438,
-39.0011

■ 127.2870, 14.6485,
-31.8237

■ 32.5540, 13.0379,
-28.5499

■ 154.2870, 14.6485,
-31.8237

■ 18.8930, 8.9268,
-16.5692

■ 181.4010, 15.0853,
-31.9237

■ 2.2970, 6.2626,
-2.0145

■ 209.1020, 15.2327,
-32.5385

■ 0.0000, 0.0000,
0.0000

■ 235.6200, 9.5543,
-31.2387

■ 247.2260, 3.8326,

-15.9842

■ 76.5750, 14.5065,
-32.9533

■ 76.5750, 14.5065,
-32.9533

■ 71.5250, 16.9962,
-38.1714

■ 81.6250, 12.0169,
-27.7351

■ 67.3610, 19.0490,
-43.2896

■ 85.7890, 9.9640,
-22.6170

■ 62.3110, 21.5387,
-48.5077

■ 90.8390, 7.4744,
-17.3988

■ 59.6310, 22.8599,
-52.2964

■ 95.0030, 5.4215,
-12.2806

■ 100.0530, 2.9319,
-7.0625

■ 104.5160, 0.7316,
-1.3295

■ 109.2670, -1.6106,
3.2738

■ 113.7300, -3.8109,
9.0068

■ 118.4810, -6.1531,
13.6102

Harmonies

Analogous

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



75.6690, 8.5442, -33.9127



76.5750, 14.5065, -32.9533



80.2930, 15.6316, -20.4280

Triad

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



76.5750, 14.5065, -32.9533



85.8870, 1.5347, 21.1471



81.6830, -12.6617, 1.1550

Complementary

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



76.5750, 14.5065, -32.9533



68.4250, -14.5065, 32.9533

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.



83.1190, -13.8627, 13.0506



76.5750, 14.5065, -32.9533



85.0740, -5.4595, 24.4911

Square

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



76.5750, 14.5065, -32.9533



85.6560, 8.5506, 10.8257



84.1570, -11.4164, 21.7873



80.1590, -7.9664, -11.5404

Rectangle

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



76.5750, 14.5065, -32.9533



83.1310, 14.7254, -9.7619



84.1570, -11.4164, 21.7873



82.0750, -13.8410, 6.0732

Sweetspot

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



76.5750, 14.5065, -32.9533



126.1170, 5.8583, -12.3806



80.1530, -12.4004, -36.0912



61.8680, 3.5161, -7.7772



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



76.5750, 14.5065, -32.9533



91.9300, 22.7125, -51.6816



57.2040, 24.0564, -15.9649



51.0320, 1.4632, -2.6591



65.5810, 25.3496, -57.5145



137.1120, 53.1888, -120.2472

Inverse Universe

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



64.8470, 12.4004, 36.0912



73.5150, 19.4661, 56.5533



87.7960, -24.0564, 15.9649



50.2500, 0.8628, 3.2887



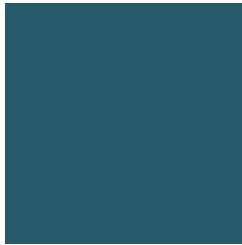
45.1290, 21.6284, 63.0309



94.4590, 45.1297, 132.0245

Previews

White Background



This preview shows how the YUV color 76.5750, 14.5065, -32.9533 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 76.5750, 14.5065, -32.9533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

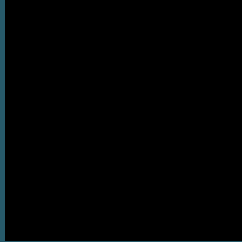
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

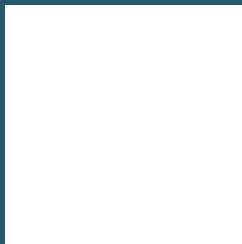
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.5750, 14.5065, -32.9533

Background



This preview shows how black text looks on a background with the YUV color 76.5750, 14.5065, -32.9533.

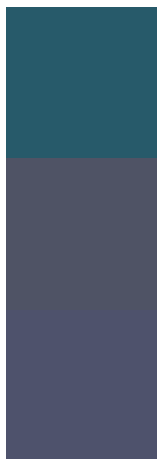


This preview shows how white text looks on a background with the YUV color 76.5750, 14.5065,

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

76.5750, 14.5065, -32.9533

Protanopia

83.8560, 8.4520, -4.2587

Deuteranopia

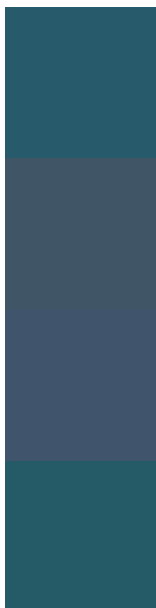
83.7680, 11.9464, -5.0585



Tritanopia

75.1680, 11.7492, -35.2273

Trichromacy



Original Color

76.5750, 14.5065, -32.9533

Protanomaly

81.3600, 10.6685, -15.2247

Deuteranomaly

81.2290, 12.7051, -15.1098

Tritanomaly

75.8090, 12.9122, -34.9125

Monochromacy



Original Color

76.5750, 14.5065, -32.9533

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5750, 14.5065, -32.9533 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(39, 90, 106)` looks like.

```
.text, #text, p{  
  color:rgb(39, 90, 106)  
}
```

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(39, 90, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 90, 106) }
```

Border

The CSS property to change the border of an element to YUV 76.5750, 14.5065, -32.9533 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(39, 90, 106) }
```


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

```
.border{ border-color:rgb(39, 90, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 90, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 90, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 90, 106);  
box-shadow:4px 4px 4px 4px rgb(39, 90,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 76.5750, 14.5065, -32.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 90, 106) }
```

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

```
.background{ background-color: rgb(39, 90,  
106) }
```

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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