

Converting Colors

YUV(96.6560, 35.1726,
-34.7783)

Have a look what the booklet for
YUV(96.6560, 35.1726, -34.7783)
contains.

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Color

**YUV(96.6560, 35.1726,
-34.7783)**

Conversions

Conversions Part 1

Format	Color
Hex	3967A8
RGB	57, 103, 168
RGB Percent	22%, 40%, 66%
CMY	0.7765, 0.5961, 0.3412
CMYK	0.66, 0.39, 0.00, 0.34
HSL	215°, 49%, 44%
HSV	215°, 66%, 66%
XYZ	13.6055, 13.3975, 38.9147
YIQ	96.6560, -48.2810, 10.4630

Conversions

Conversions Part 2

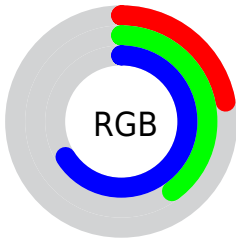
Format	Color
RYB	57, 90, 168
Decimal	3762088
CIELab	43.36, 5.71, -39.59
CIElCh	43, 40.003, 278.204
Yxy	13.3975, 0.2064, 0.2032
Android (android.graphics.Color)	4281952168 (0xFF3967A8)
YUV	96.6560, 35.1726, -34.7783
Hunter-Lab	36.6026, 2.2953, -37.4133

Details

The YUV color **96.6560, 35.1726, -34.7783** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **128.3440, -35.1726, 34.7783**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3190, 36.3247, -30.9748**, and **46.5690, 33.7365, -40.8410** is the 20% darker color. If you saturate the color by 10%, you get **85.7030, 40.5724, -40.0815**, and if you desaturate by 10%, it is **107.6090, 29.7728, -29.4751**.

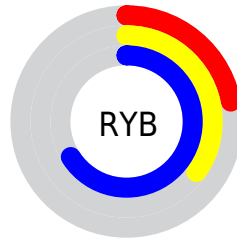
Distribution



Red (22%)

Green (40%)

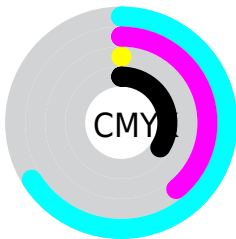
Blue (66%)



Red (22%)

Yellow (35%)

Blue (66%)

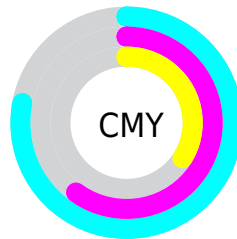


Cyan (66%)

Magenta (39%)

Yellow (0%)

Black (34%)



Cyan (78%)

Magenta (60%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6560, 35.1726, -34.7783 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 96.6560, 35.1726, -34.7783 by changing the saturation by 10% instead.

■ 96.6560, 35.1726,
-34.7783

■ 96.6560, 35.1726,
-34.7783

■ 255.0000, 0.0000,
0.0000

■ 68.4270, 35.7785,
-42.4705

■ 150.3190, 36.3247,
-30.9748

■ 46.5690, 33.7365,
-40.8410

■ 177.1450, 36.9035,
-29.9452

■ 31.3920, 28.8937,
-27.5308

■ 202.5940, 25.8362,
-26.8309

■ 15.8560, 25.2140,
-13.9057

■ 227.7010, 13.4584,
-23.4168

■ 6.7770, 18.3509,
-5.9434

■ 247.5250, 3.6852,
-15.3694

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 96.6560, 35.1726,
-34.7783

■ 96.6560, 35.1726,
-34.7783

■ 85.7030, 40.5724,
-40.0815

■ 107.6090, 29.7728,
-29.4751

■ 74.7500, 45.9723,
-45.3847

■ 118.5620, 24.3729,
-24.1719

■ 64.0960, 51.2247,
-50.0732

■ 129.2160, 19.1205,
-19.4834

■ 60.2420, 53.1247,
-52.8322

■ 139.5820, 14.0101,
-13.6654

■ 150.5350, 8.6102,
-8.3622

■ 161.4880, 3.2104,
-3.0590

■ 172.4410, -2.1894,
2.2442

■ 183.0950, -7.4418,
6.9327

■ 194.0480,
-12.8417, 12.2359

Harmonies

Analogous

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



84.4400, 39.2231, -74.0539



96.6560, 35.1726, -34.7783



105.1840, 24.5593, 9.4856

Triad

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



96.6560, 35.1726, -34.7783



101.6830, -19.0707, 50.2670



83.1380, -3.0260, -56.2490

Complementary

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



96.6560, 35.1726, -34.7783



128.3440, -35.1726, 34.7783

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.



94.2390, -22.7958, -15.1186



96.6560, 35.1726, -34.7783



100.4240, -29.7890, 34.7082

Square

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



96.6560, 35.1726, -34.7783



102.4180, -3.6571, 53.1304



98.2980, -32.1919, 12.0167



82.5070, 14.0470, -72.3586

Rectangle

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



96.6560, 35.1726, -34.7783



105.4380, 16.0531, 31.1879



98.2980, -32.1919, 12.0167



89.0710, -11.3740, -38.6503

Sweetspot

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



96.6560, 35.1726, -34.7783



191.1690, 13.7207, -14.1802



129.5670, -3.7305, -63.6413



92.5350, 8.6102, -8.3622



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



96.6560, 35.1726, -34.7783



107.9860, 54.7299, -54.3617



72.3450, 47.1579, -5.5646



78.6730, 2.6262, -2.3442



52.6790, 46.9933, -46.1995



6.9760, 6.4208, -6.1180

Inverse Universe

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



95.4330, 3.7305, 63.6413



105.9350, 5.9480, 99.1580



152.6550, -47.1579, 5.5646



78.7340, 0.1311, 4.6183



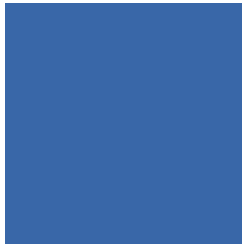
51.2060, 4.8284, 84.8883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 96.6560, 35.1726, -34.7783 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 × Fail

Black Background



This preview shows how the YUV color 96.6560, 35.1726, -34.7783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 96.6560, 35.1726, -34.7783

Background



This preview shows how black text looks on a background with the YUV color 96.6560, 35.1726, -34.7783.



This preview shows how white text looks on a background with the YUV color 96.6560, 35.1726, -34.7783.

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

96.6560, 35.1726, -34.7783

Protanopia

100.2340, 31.9296, -21.2532

Deuteranopia

97.5530, 34.7304, -32.9340



Tritanopia

88.6110, 16.4608, -53.1558

Trichromacy



Original Color

96.6560, 35.1726, -34.7783

Protanomaly

98.8420, 33.1089, -26.1714

Deuteranomaly

97.2540, 34.8778, -33.5488

Tritanomaly

91.4900, 23.4224, -46.0337

Monochromacy



Original Color

96.6560, 35.1726, -34.7783

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.6530, 12.9891, -12.8507

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6560, 35.1726, -34.7783 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(57, 103, 168)` looks like.

```
.text, #text, p{  
    color:rgb(57, 103, 168)  
}
```

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(57, 103, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 103, 168) }
```

Border

The CSS property to change the border of an element to YUV 96.6560, 35.1726, -34.7783 is called "border". The border property can be set on classes, ids or directly on the HTML element.

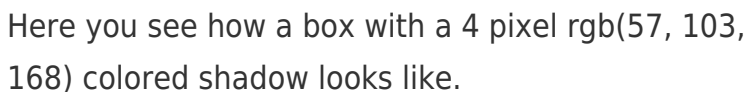
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 103, 168) }
```


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

```
.border{ border-color:rgb(57, 103, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 103, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 103, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 103, 168); box-shadow:4px 4px 4px 4px rgb(57, 103, 168) }
```

Background

The CSS property to change the background color of an element to YUV 96.6560, 35.1726, -34.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 103, 168) }
```

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

```
.background{ background-color: rgb(57, 103,  
168) }
```

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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