

Converting Colors

YUV(65.5930, 40.6267,
-57.5251)

Have a look what the booklet for
YUV(65.5930, 40.6267, -57.5251)
contains.

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Color

**YUV(65.5930, 40.6267,
-57.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	005394
RGB	0, 83, 148
RGB Percent	0%, 33%, 58%
CMY	1.0000, 0.6745, 0.4196
CMYK	1.00, 0.44, 0.00, 0.42
HSL	206°, 100%, 29%
HSV	206°, 100%, 58%
XYZ	8.4386, 8.3246, 29.1790
YIQ	65.5930, -70.3330, 2.6190

Conversions

Conversions Part 2

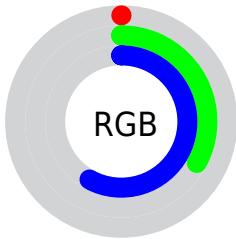
Format	Color
R _{YB}	0, 53, 148
Decimal	21396
CIE Lab	34.65, 4.74, -41.62
CIE LCh	35, 41.885, 276.493
Yxy	8.3246, 0.1837, 0.1812
Android (android.graphics.Color)	4278211476 (0xFF005394)
YUV	65.5930, 40.6267, -57.5251
Hunter-Lab	28.8524, 1.7146, -39.7644

Details

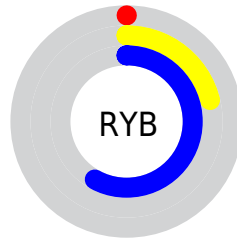
The YUV color **65.5930, 40.6267, -57.5251** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **82.4070, -40.6267, 57.5251**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.1440, 38.3830, -37.8373**, and **33.9510, 31.0832, -29.7750** is the 20% darker color. If you saturate the color by 10%, you get **65.5930, 40.6267, -57.5251**, and if you desaturate by 10%, it is **74.1870, 36.3898, -51.9070**.

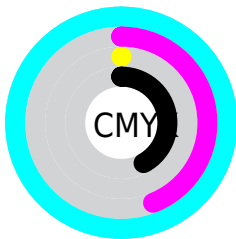
Distribution



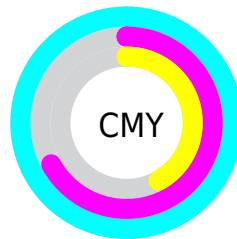
- Red (0%)
- Green (33%)
- Blue (58%)



- Red (0%)
- Yellow (21%)
- Blue (58%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 65.5930, 40.6267, -57.5251 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 65.5930, 40.6267, -57.5251 by changing the saturation by 10% instead.

■ 65.5930, 40.6267,
-57.5251

■ 65.5930, 40.6267,
-57.5251

■ 255.0000, 0.0000,
0.0000

■ 49.1280, 35.9259,
-43.0853

■ 125.1440, 38.3830,
-37.8373

■ 33.9510, 31.0832,
-29.7750

■ 152.5680, 38.6670,
-35.5781

■ 19.3610, 25.9510,
-16.9796

■ 179.8240, 37.0618,
-34.0486

■ 7.9340, 20.2455,
-6.9581

■ 204.0450, 25.1208,
-30.7345

■ 3.6650, 11.5042,
-3.2142

■ 229.7390, 12.4537,
-27.8351

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 65.5930, 40.6267,
-57.5251

■ 74.1870, 36.3898,
-51.9070

■ 82.1940, 32.4424,
-45.7741

■ 90.4890, 28.3529,
-40.7709

■ 98.4960, 24.4055,
-34.6380

■ 107.0900, 20.1686,
-29.0199

■ 115.0970, 16.2212,
-22.8871

■ 123.6910, 11.9843,
-17.2690

■ 131.3990, 8.1843,
-11.7509

■ 139.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



70.1920, 35.4013, -61.5584



65.5930, 40.6267, -57.5251



83.4010, 25.4383, 7.5413

Triad

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



65.5930, 40.6267, -57.5251



78.8510, -17.1815, 50.9967



61.8070, -4.3419, -54.2047

Complementary

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



65.5930, 40.6267, -57.5251



82.4070, -40.6267, 57.5251

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.



72.7830, -24.5430, -14.7187



65.5930, 40.6267, -57.5251



78.4950, -30.8100, 35.5229

Square

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



65.5930, 40.6267, -57.5251



78.9990, -1.4785, 54.3749



75.6850, -35.8337, 13.4313



66.9710, 10.3673, -58.7336

Rectangle

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



65.5930, 40.6267, -57.5251



83.4810, 17.5109, 30.2732



75.6850, -35.8337, 13.4313



65.4620, -11.0738, -41.6242

Sweetspot

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



65.5930, 40.6267, -57.5251



159.2820, 15.6370, -22.1723



94.1720, -14.8748, -82.5888



77.7300, 9.5001, -13.7952



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



65.5930, 40.6267, -57.5251



84.5830, 52.4636, -74.1793



22.7420, 61.7522, -19.9447



70.1460, 1.9000, -2.7590



60.9310, 37.9950, -53.4365



4.6620, 2.6316, -4.0886

Inverse Universe

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



53.7140, 14.4380, 82.6888



69.3070, 18.5826, 106.7248



125.2580, -61.7522, 19.9447



69.5490, 0.7153, 3.9035



50.0400, 13.2913, 77.1409



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 65.5930, 40.6267, -57.5251 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 65.5930, 40.6267, -57.5251 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 65.5930, 40.6267, -57.5251 Background



This preview shows how black text looks on a background with the YUV color 65.5930, 40.6267, -57.5251.



This preview shows how white text looks on a background with the YUV color 65.5930, 40.6267,

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



Protanopia

78.0380, 32.5193, -23.7123

Deuteranopia

65.4790, 40.1899, -57.4251

Tritanopia

64.4750, 16.0348, -56.5446

Trichromacy



Protanomaly

73.0580, 35.4674, -36.0079

Deuteranomaly

65.4790, 40.1899, -57.4251

Tritanomaly

64.8800, 25.2022, -56.8998

Monochromacy



Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.7660, 14.9054, -20.8428

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.5930, 40.6267, -57.5251 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(0, 83, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 148)  
}
```

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(0, 83, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 148) }
```

Border

The CSS property to change the border of an element to YUV 65.5930, 40.6267, -57.5251 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(0, 83, 148) }
```

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

```
.border{ border-color:rgb(0, 83, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 83, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 148)  
}
```


Background

The CSS property to change the background color of an element to YUV 65.5930, 40.6267, -57.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 148) }
```

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

```
.background{ background-color: rgb(0, 83,  
148) }
```

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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