

Converting Colors

YUV(61.5350, 35.2322,
-53.9662)

Have a look what the booklet for
YUV(61.5350, 35.2322, -53.9662)
contains.

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Color

**YUV(61.5350, 35.2322,
-53.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	004F85
RGB	0, 79, 133
RGB Percent	0%, 31%, 52%
CMY	1.0000, 0.6902, 0.4784
CMYK	1.00, 0.41, 0.00, 0.48
HSL	204°, 100%, 26%
HSV	204°, 100%, 52%
XYZ	7.0296, 7.2854, 23.2260
YIQ	61.5350, -64.4180, 0.0460

Conversions

Conversions Part 2

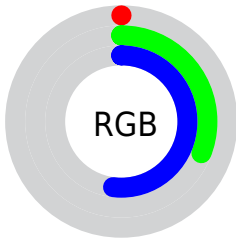
Format	Color
RYB	0, 50, 133
Decimal	20357
CIELab	32.45, 1.05, -35.97
CIELCh	32, 35.984, 271.673
Yxy	7.2854, 0.1873, 0.1941
Android (android.graphics.Color)	4278210437 (0xFF004F85)
YUV	61.5350, 35.2322, -53.9662
Hunter-Lab	26.9915, -0.7469, -32.1246

Details

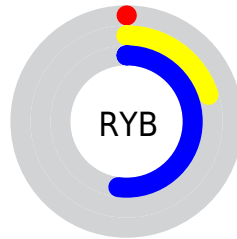
The YUV color **61.5350, 35.2322, -53.9662** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **71.4650, -35.2322, 53.9662**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7760, 33.1414, -36.6376**, and **30.0070, 26.1255, -26.3161** is the 20% darker color. If you saturate the color by 10%, you get **61.5350, 35.2322, -53.9662**, and if you desaturate by 10%, it is **68.3570, 31.8690, -48.5481**.

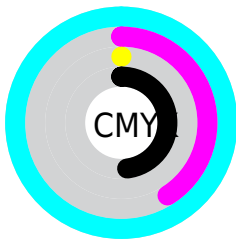
Distribution



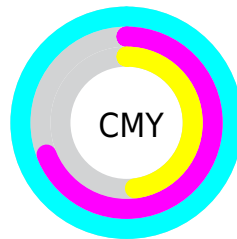
- Red (0%)
- Green (31%)
- Blue (52%)



- Red (0%)
- Yellow (20%)
- Blue (52%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (69%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5350, 35.2322, -53.9662 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 61.5350, 35.2322, -53.9662 by changing the saturation by 10% instead.

61.5350, 35.2322,
-53.9662

61.5350, 35.2322,
-53.9662

255.0000, 0.0000,
0.0000

45.0700, 30.5315,
-39.5264

119.7760, 33.1414,
-36.6376

30.0070, 26.1255,
-26.3161

146.4880, 33.2834,
-35.5080

14.3570, 22.0090,
-12.5911

173.7270, 34.1516,
-33.9636

5.3920, 15.5827,
-4.7288

199.9030, 27.1628,
-32.3639

2.1830, 5.8258,
-1.9145

225.0100, 14.7851,
-28.9498

0.0000, 0.0000,
0.0000

244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

61.5350, 35.2322,
-53.9662

68.3570, 31.8690,
-48.5481

76.0650, 28.0690,
-43.0300

82.8870, 24.7057,
-37.6119

90.2960, 21.0531,
-32.7086

97.4170, 17.5424,
-26.6757

■ 104.2390, 14.1792,
-21.2576

■ 111.6480, 10.5265,
-16.3543

■ 118.4700, 7.1633,
-10.9362

■ 126.1780, 3.3632,
-5.4181

Harmonies

Analogous

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



64.8460, 30.1489, -56.8699



61.5350, 35.2322, -53.9662



77.7870, 23.2760, 1.0638

Triad

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



61.5350, 35.2322, -53.9662



74.8440, -13.2341, 44.8638



61.9120, -6.8586, -40.2648

Complementary

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



61.5350, 35.2322, -53.9662



71.4650, -35.2322, 53.9662

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.



69.6960, -22.5281, -7.6264



61.5350, 35.2322, -53.9662



74.6070, -23.9633, 32.7937

Square

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



61.5350, 35.2322, -53.9662



75.9870, 0.0064, 44.7384



72.5310, -28.8558, 15.3203



61.6080, 7.5883, -54.0302

Rectangle

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



61.5350, 35.2322, -53.9662



78.7850, 16.3750, 21.2366



72.5310, -28.8558, 15.3203



66.2790, -13.4485, -26.5547

Sweetspot

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



61.5350, 35.2322, -53.9662



145.1250, 13.7424, -21.1576



84.1130, -15.3387, -73.7671



69.8010, 8.4791, -12.9805



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



61.5350, 35.2322, -53.9662



80.1830, 45.7588, -70.3205



22.7930, 54.3321, -19.9895



63.0320, 1.4632, -2.6591



60.0190, 34.5006, -52.6367



1.5160, 0.7316, -1.3295

Inverse Universe

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



48.7730, 14.9019, 73.8671



63.4690, 19.4888, 96.0587



110.2070, -54.3321, 19.9895



62.2500, 0.8628, 3.2888



47.6480, 14.4705, 72.2227



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 61.5350, 35.2322, -53.9662 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 61.5350, 35.2322, -53.9662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

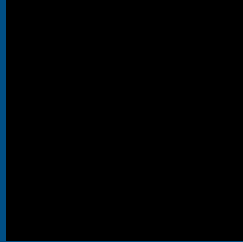
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5350, 35.2322, -53.9662

Background



This preview shows how black text looks on a background with the YUV color 61.5350, 35.2322, -53.9662.



This preview shows how white text looks on a background with the YUV color 61.5350, 35.2322,

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

74.8770, 26.6826, -18.3091

Deuteranopia

69.9180, 31.0994, -35.0081

Tritanopia

60.2690, 15.1504, -52.8559

Trichromacy



Protanomaly

69.5980, 29.7782, -31.2194

Deuteranomaly

66.6290, 32.7209, -41.7706

Tritanomaly

60.8050, 22.2811, -53.3260

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6090, 13.0108, -19.8281

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5350, 35.2322, -53.9662 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, 79, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 79, 133)  
}
```

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, 79, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 133) }
```

Border

The CSS property to change the border of an element to YUV 61.5350, 35.2322, -53.9662 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, 79, 133) }
```

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

```
.border{ border-color:rgb(0, 79, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 133)  
}
```


Background

The CSS property to change the background color of an element to YUV 61.5350, 35.2322, -53.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 133) }
```

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

```
.background{ background-color: rgb(0, 79,  
133) }
```

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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