

Converting Colors

YUV(69.7360, 33.6542,
-61.1585)

Have a look what the booklet for
YUV(69.7360, 33.6542, -61.1585)
contains.

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Color

**YUV(69.7360, 33.6542,
-61.1585)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 005C8A |
| RGB | 0, 92, 138 |
| RGB Percent | 0%, 36%, 54% |
| CMY | 1.0000, 0.6392, 0.4588 |
| CMYK | 1.00, 0.33, 0.00, 0.46 |
| HSL | 200°, 100%, 27% |
| HSV | 200°, 100%, 54% |
| XYZ | 8.4146, 9.4893, 25.4329 |
| YIQ | 69.7360, -69.5980, -5.1980 |

Conversions

Conversions Part 2

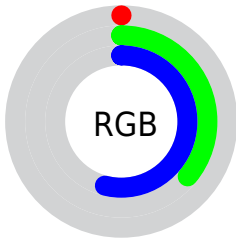
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 55, 138 |
| Decimal | 23690 |
| CIELab | 36.91, -5.21, -31.95 |
| CIELCh | 37, 32.370, 260.729 |
| Yxy | 9.4893, 0.1942, 0.2190 |
| Android (android.graphics.Color) | 4278213770 (0xFF005C8A) |
| YUV | 69.7360, 33.6542, -61.1585 |
| Hunter-Lab | 30.8047, -5.1491, -27.3876 |

Details

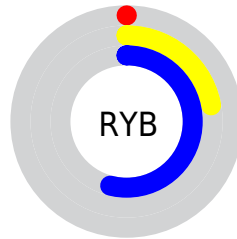
The YUV color **69.7360, 33.6542, -61.1585** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **68.2640, -33.6542, 61.1585**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1620, 30.9791, -43.1151**, and **37.6210, 24.8368, -32.9936** is the 20% darker color. If you saturate the color by 10%, you get **69.7360, 33.6542, -61.1585**, and if you desaturate by 10%, it is **76.8570, 30.1435, -55.1256**.

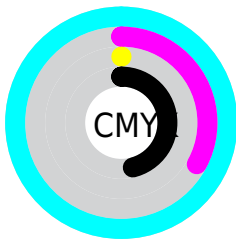
Distribution



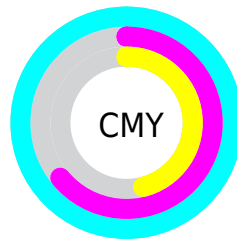
- Red (0%)
- Green (36%)
- Blue (54%)



- Red (0%)
- Yellow (22%)
- Blue (54%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.7360, 33.6542, -61.1585 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 69.7360, 33.6542, -61.1585 by changing the saturation by 10% instead.

69.7360, 33.6542,
-61.1585

69.7360, 33.6542,
-61.1585

255.0000, 0.0000,
0.0000

53.2710, 28.9534,
-46.7187

129.1620, 30.9791,
-43.1151

37.6210, 24.8368,
-32.9936

156.2870, 31.4105,
-41.4707

22.5580, 20.4309,
-19.7834

184.2870, 31.4105,
-41.4707

6.5490, 17.4773,
-5.7435

209.6050, 22.3797,
-38.2416

2.8670, 8.4466,
-2.5144

235.2990, 9.7126,
-35.3422

0.0000, 0.0000,
0.0000

245.7310, 4.5696,

-19.0581

254.7010, 0.1474,
-0.6148

■ 69.7360, 33.6542,
-61.1585

■ 76.8570, 30.1435,
-55.1256

■ 83.3910, 26.9222,
-48.5779

■ 90.2130, 23.5590,
-43.1598

■ 96.7470, 20.3377,
-36.6121

■ 103.8680, 16.8271,
-30.5792

■ 110.9890, 13.3164,
-24.5464

■ 117.5230, 10.0952,
-17.9987

■ 124.3450, 6.7319,
-12.5806

■ 130.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



72.0040, 27.1130, -63.1475



69.7360, 33.6542, -61.1585



86.6500, 24.3295, -10.2171

Triad

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



69.7360, 33.6542, -61.1585



87.3860, -8.5713, 42.6345



79.1270, -12.8806, -22.0364

Complementary

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



69.7360, 33.6542, -61.1585



68.2640, -33.6542, 61.1585

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.



82.6370, -22.9920, 1.1954



69.7360, 33.6542, -61.1585



86.1820, -19.3167, 35.7974

Square

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



69.7360, 33.6542, -61.1585



88.2680, 3.8119, 37.4760



85.1880, -25.2357, 20.8831



67.0050, 5.4205, -58.7634

Rectangle

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



69.7360, 33.6542, -61.1585



89.1750, 18.1547, 10.3705



85.1880, -25.2357, 20.8831



80.4440, -16.9809, -13.5444

Sweetspot

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



69.7360, 33.6542, -61.1585



152.2880, 13.1690, -23.9316



86.2500, -19.8433, -75.6412



73.5620, 7.6109, -14.5249



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



69.7360, 33.6542, -61.1585



90.2590, 43.7493, -79.1571



30.4070, 53.0433, -26.6669



65.7330, 1.6106, -3.2738



66.8180, 32.6277, -58.5994



2.3310, 1.3158, -2.0443

Inverse Universe

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



51.7500, 19.8433, 75.6412



67.0870, 25.5931, 98.1477



108.7670, -53.6221, 25.6373



64.6630, 1.1521, 3.8035



49.7990, 18.8331, 72.9673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 69.7360, 33.6542, -61.1585 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 69.7360, 33.6542, -61.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

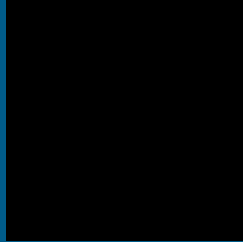
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.7360, 33.6542, -61.1585

Background



This preview shows how black text looks on a background with the YUV color 69.7360, 33.6542, -61.1585.



This preview shows how white text looks on a background with the YUV color 69.7360, 33.6542, -61.1585.

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

85.8730, 22.7406, -13.9206

Deuteranopia

83.9580, 27.1357, -23.6422

Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Protanomaly

80.3870, 26.4312, -31.0344

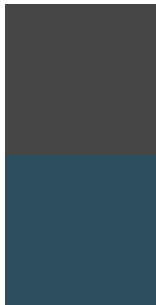
Deuteranomaly

78.8530, 29.6525, -37.5821

Tritanomaly

68.9890, 23.1764, -60.5034

Monochromacy



Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0710, 12.2900, -21.9873

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.7360, 33.6542, -61.1585 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, 92, 138)` looks like.

```
.text, #text, p{  
    color:rgb(0, 92, 138)  
}
```

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, 92, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 92, 138) }
```

Border

The CSS property to change the border of an element to YUV 69.7360, 33.6542, -61.1585 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, 92, 138) }
```

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

```
.border{ border-color:rgb(0, 92, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 92, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 92, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 92, 138);  
box-shadow:4px 4px 4px 4px rgb(0, 92, 138)  
}
```


Background

The CSS property to change the background color of an element to YUV 69.7360, 33.6542, -61.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 92, 138) }
```

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

```
.background{ background-color: rgb(0, 92,  
138) }
```

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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