

Converting Colors

YUV(75.5340, 36.7117,
-61.8583)

Have a look what the booklet for
YUV(75.5340, 36.7117, -61.8583)
contains.

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Color

**YUV(75.5340, 36.7117,
-61.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	056196
RGB	5, 97, 150
RGB Percent	2%, 38%, 59%
CMY	0.9804, 0.6196, 0.4118
CMYK	0.97, 0.35, 0.00, 0.41
HSL	202°, 94%, 30%
HSV	202°, 97%, 59%
XYZ	9.8423, 10.7837, 30.4169
YIQ	75.5340, -71.8450, -3.0210

Conversions

Conversions Part 2

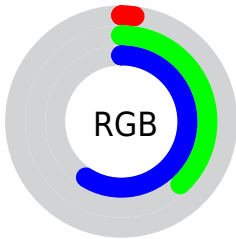
Format	Color
R_{YB}	5, 61, 150
Decimal	352662
CIE _{Lab}	39.21, -3.19, -35.55
CIE _{LCh}	39, 35.689, 264.864
Yxy	10.7837, 0.1928, 0.2113
Android (android.graphics.Color)	4278542742 (0xFF056196)
YUV	75.5340, 36.7117, -61.8583
Hunter-Lab	32.8385, -3.9676, -31.9308

Details

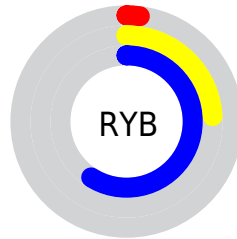
The YUV color **75.5340, 36.7117, -61.8583** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **79.4660, -36.7117, 61.8583**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0740, 34.4735, -43.9149**, and **41.2230, 28.4841, -36.1526** is the 20% darker color. If you saturate the color by 10%, you get **72.8650, 38.0276, -63.9026**, and if you desaturate by 10%, it is **82.9540, 33.0537, -55.2107**.

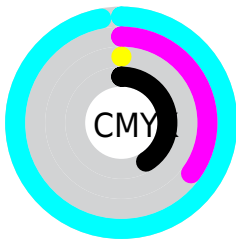
Distribution



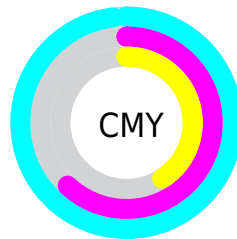
- Red (2%)
- Green (38%)
- Blue (59%)



- Red (2%)
- Yellow (24%)
- Blue (59%)



- Cyan (97%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (98%)
- Magenta (62%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.5340, 36.7117, -61.8583 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 75.5340, 36.7117, -61.8583 by changing the saturation by 10% instead.

■ 75.5340, 36.7117,
-61.8583

■ 75.5340, 36.7117,
-61.8583

■ 255.0000, 0.0000,
0.0000

■ 56.9870, 33.0374,
-49.9776

■ 135.0740, 34.4735,
-43.9149

■ 41.2230, 28.4841,
-36.1526

■ 162.7860, 34.6155,
-42.7853

■ 26.6330, 23.3519,
-23.3571

■ 189.8140, 32.1367,
-41.0559

■ 8.2760, 21.5559,
-7.2581

■ 214.9210, 19.7589,
-37.6417

■ 4.5940, 12.5252,
-4.0289

■ 238.8540, 7.9600,
-33.1980

■ 0.0000, 0.0000,
0.0000

■ 247.5250, 3.6852,

-15.3694

■ 75.5340, 36.7117,
-61.8583

■ 75.5340, 36.7117,
-61.8583

■ 72.8650, 38.0276,
-63.9026

■ 82.9540, 33.0537,
-55.2107

■ 90.9610, 29.1062,
-49.0778

■ 98.3810, 25.4482,
-42.4301

■ 106.3880, 21.5007,
-36.2973

■ 113.8080, 17.8427,
-29.6496

■ 121.8150, 13.8952,
-23.5168

■ 129.2350, 10.2371,
-16.8691

■ 137.2420, 6.2897,
-10.7362

■ 144.6620, 2.6316,
-4.0886

Harmonies

Analogous

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



76.8940, 30.6183, -67.4360



75.5340, 36.7117, -61.8583



93.3130, 25.4817, -6.4135

Triad

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



75.5340, 36.7117, -61.8583



92.1370, -10.9135, 47.2379



82.3110, -11.9853, -29.2137

Complementary

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



75.5340, 36.7117, -61.8583



79.4660, -36.7117, 61.8583

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.



87.1590, -24.7284, -1.8934



75.5340, 36.7117, -61.8583



91.2810, -22.8165, 38.3416

Square

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



75.5340, 36.7117, -61.8583



93.3720, 2.7746, 43.5238



89.6780, -28.4353, 20.4534



72.0260, 6.8892, -63.1668

Rectangle

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



75.5340, 36.7117, -61.8583



95.4360, 19.0121, 15.4036



89.6780, -28.4353, 20.4534



83.9980, -17.2540, -19.2922

Sweetspot

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



75.5340, 36.7117, -61.8583



164.9290, 14.3320, -23.6167



95.9290, -19.6850, -79.7447



79.7900, 8.4845, -14.7248



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.



75.5340, 36.7117, -61.8583



94.3170, 49.1437, -82.7160



34.4440, 56.9691, -25.8224



70.1460, 1.9000, -2.7590



66.8010, 35.1011, -58.5845



4.6620, 2.6316, -4.0886

Inverse Universe

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



58.8430, 18.8114, 79.9447



72.0280, 25.1292, 106.9694



120.5560, -56.9691, 25.8224



69.5490, 0.7153, 3.9035



51.1800, 17.6593, 76.1411



3.6740, 1.1467, 5.5479

Previews

White Background



This preview shows how the YUV color 75.5340, 36.7117, -61.8583 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 75.5340, 36.7117, -61.8583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

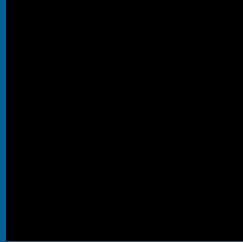
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.5340, 36.7117, -61.8583

Background



This preview shows how black text looks on a background with the YUV color 75.5340, 36.7117, -61.8583.

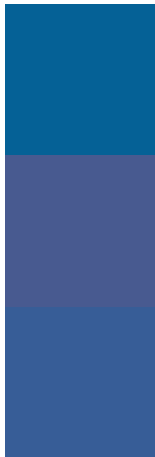


This preview shows how white text looks on a background with the YUV color 75.5340, 36.7117,

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

75.5340, 36.7117, -61.8583

Protanopia

90.7740, 26.2404, -16.4648

Deuteranopia

88.2500, 30.9357, -29.1603



Tritanopia

73.0010, 18.2405, -64.0219

Trichromacy



Original Color

75.5340, 36.7117, -61.8583

Protanomaly

85.5870, 29.7836, -32.9638

Deuteranomaly

83.4550, 33.2997, -40.7410

Tritanomaly

74.1350, 25.0764, -63.2624

Monochromacy



Original Color

75.5340, 36.7117, -61.8583

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0000, 13.3110, -22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.5340, 36.7117, -61.8583 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(5, 97, 150)` looks like.

```
.text, #text, p{  
    color:rgb(5, 97, 150)  
}
```

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(5, 97, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 97, 150) }
```

Border

The CSS property to change the border of an element to YUV 75.5340, 36.7117, -61.8583 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(5, 97, 150) }
```


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

```
.border{ border-color:rgb(5, 97, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 97, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 97, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 97, 150);  
box-shadow:4px 4px 4px 4px rgb(5, 97, 150)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.5340, 36.7117, -61.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 97, 150) }
```

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

```
.background{ background-color: rgb(5, 97,  
150) }
```

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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