

Converting Colors

YUV(71.7080, 36.1330,
-62.8879)

Have a look what the booklet for
YUV(71.7080, 36.1330, -62.8879)
contains.

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Color

**YUV(71.7080, 36.1330,
-62.8879)**

Conversions

Conversions Part 1	
Format	Color
Hex	005E91
RGB	0, 94, 145
RGB Percent	0%, 37%, 57%
CMY	1.0000, 0.6314, 0.4314
CMYK	1.00, 0.35, 0.00, 0.43
HSL	201°, 100%, 28%
HSV	201°, 100%, 57%
XYZ	9.1135, 10.0497, 28.2475
YIQ	71.7080, -72.3950, -4.0670

Conversions

Conversions Part 2

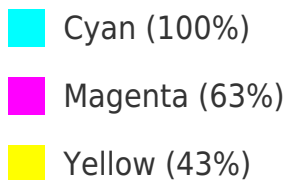
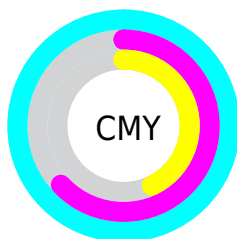
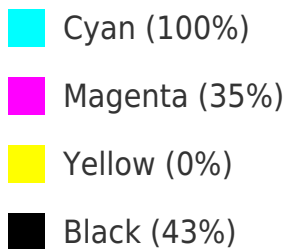
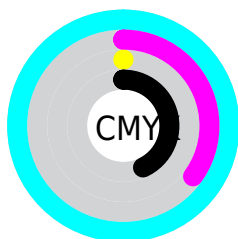
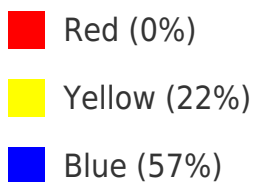
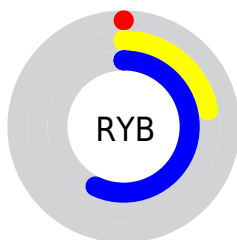
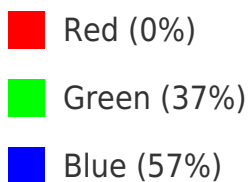
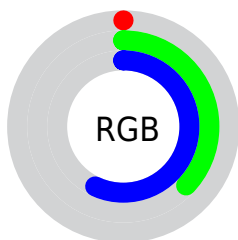
Format	Color
RYB	0, 57, 145
Decimal	24209
CIELab	37.93, -3.61, -34.57
CIELCh	38, 34.760, 264.034
Yxy	10.0497, 0.1922, 0.2120
Android (android.graphics.Color)	4278214289 (0xFF005E91)
YUV	71.7080, 36.1330, -62.8879
Hunter-Lab	31.7013, -4.1619, -30.6395

Details

The YUV color **71.7080, 36.1330, -62.8879** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **73.2920, -36.1330, 62.8879**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.7320, 33.1631, -43.6150**, and **38.8920, 27.1682, -34.1083** is the 20% darker color. If you saturate the color by 10%, you get **71.7080, 36.1330, -62.8879**, and if you desaturate by 10%, it is **78.8290, 32.6223, -56.8550**.

Distribution





Brightness & Saturation


Gradients


These gradients show how the YUV color 71.7080, 36.1330, -62.8879 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 71.7080, 36.1330, -62.8879 by changing the saturation by 10% instead.


 71.7080, 36.1330,
-62.8879


 71.7080, 36.1330,
-62.8879

 255.0000, 0.0000,
0.0000


 55.2430, 31.4322,
-48.4481


 131.7320, 33.1631,
-43.6150


 38.8920, 27.1682,
-34.1083


 158.8570, 33.5945,
-41.9706

 24.4160, 22.4729,
-21.4128

 187.1560, 33.4471,
-41.3558

 7.7060, 19.3719,
-6.7582

 211.9640, 21.2167,
-38.5564

 3.5510, 11.0674,
-3.1142

 237.0710, 8.8390,
-35.1423

 0.0000, 0.0000,
0.0000

 246.6280, 4.1274,

-17.2138

■ 71.7080, 36.1330,
-62.8879

■ 78.8290, 32.6223,
-56.8550

■ 86.2490, 28.9642,
-50.2074

■ 93.6690, 25.3062,
-43.5597

■ 100.7900, 21.7955,
-37.5268

■ 108.2100, 18.1375,
-30.8792

■ 115.9180, 14.3374,
-25.3611

■ 123.3380, 10.6794,
-18.7134

■ 130.4590, 7.1687,
-12.6805

■ 137.8790, 3.5107,
-6.0329

Harmonies

Analogous

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



73.9760, 29.5918, -64.8770



71.7080, 36.1330, -62.8879



89.9000, 25.1923, -6.9283

Triad

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



71.7080, 36.1330, -62.8879



89.2400, -10.4713, 45.3935



79.3220, -11.9907, -27.4694

Complementary

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



71.7080, 36.1330, -62.8879



73.2920, -36.1330, 62.8879

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.



83.9850, -24.1496, -0.8638



71.7080, 36.1330, -62.8879



88.2100, -21.7955, 37.5268

Square

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



71.7080, 36.1330, -62.8879



90.3610, 2.7800, 41.7794



86.9060, -27.5617, 20.2534



69.9230, 6.4470, -61.3225

Rectangle

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



71.7080, 36.1330, -62.8879



92.3110, 18.5807, 13.7593



86.9060, -27.5617, 20.2534



81.7100, -17.1120, -18.1627

Sweetspot

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



71.7080, 36.1330, -62.8879



160.2170, 14.1900, -24.7463



90.9290, -19.6850, -79.7447



76.7900, 8.4845, -14.7248



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



71.7080, 36.1330, -62.8879



93.1600, 47.2491, -81.7013



29.4440, 56.9691, -25.8224



67.7330, 1.6106, -3.2738



67.0460, 33.5013, -58.7993



3.8470, 2.0474, -3.3738

Inverse Universe

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



54.0710, 19.6850, 79.7447



70.4190, 25.4294, 103.9955



115.5560, -56.9691, 25.8224



66.6630, 1.1521, 3.8035



50.3970, 18.5383, 74.1968



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 71.7080, 36.1330, -62.8879 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 71.7080, 36.1330, -62.8879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

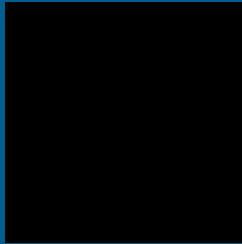
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.7080, 36.1330, -62.8879

Background



This preview shows how black text looks on a background with the YUV color 71.7080, 36.1330, -62.8879.



This preview shows how white text looks on a background with the YUV color 71.7080, 36.1330,

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

71.7080, 36.1330, -62.8879

Protanopia

88.4320, 24.9300, -16.1649

Deuteranopia

85.6200, 29.7673, -27.7307



Tritanopia

70.1970, 17.6509, -61.5628

Trichromacy



Original Color
71.7080, 36.1330, -62.8879

Protanomaly
82.3590, 28.9100, -32.7638

Deuteranomaly
80.2270, 32.4261, -40.5411

Tritanomaly
70.6190, 24.3448, -61.9329

Monochromacy



Original Color
71.7080, 36.1330, -62.8879

Achromatopsia
72.0000, 0.0000, 0.0000

Achromatomaly
72.0000, 13.3110, -22.8020

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7080, 36.1330, -62.8879 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, 94, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 145)  
}
```

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, 94, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 145) }
```

Border

The CSS property to change the border of an element to YUV 71.7080, 36.1330, -62.8879 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, 94, 145) }
```


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

```
.border{ border-color:rgb(0, 94, 145) }
```

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

Here you see how a box with a 4 pixel rgb(0, 94, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 145)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.7080, 36.1330, -62.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 145) }
```

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

```
.background{ background-color: rgb(0, 94,  
145) }
```

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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