

Converting Colors

YUV(70.4750, 36.2478,
-53.0366)

Have a look what the booklet for
YUV(70.4750, 36.2478, -53.0366)
contains.

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Color

**YUV(70.4750, 36.2478,
-53.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	0A5790
RGB	10, 87, 144
RGB Percent	4%, 34%, 56%
CMY	0.9608, 0.6588, 0.4353
CMYK	0.93, 0.40, 0.00, 0.44
HSL	206°, 87%, 30%
HSV	206°, 93%, 56%
XYZ	8.5674, 8.8945, 27.6508
YIQ	70.4750, -64.1890, 1.4030

Conversions

Conversions Part 2

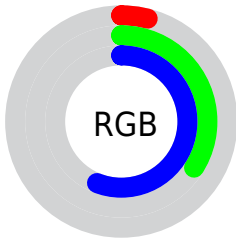
Format	Color
RYB	10, 59, 144
Decimal	677776
CIELab	35.78, 0.99, -37.38
CIELCh	36, 37.389, 271.523
Yxy	8.8945, 0.1899, 0.1972
Android (android.graphics.Color)	4278867856 (0xFF0A5790)
YUV	70.4750, 36.2478, -53.0366
Hunter-Lab	29.8237, -0.9141, -34.0937

Details

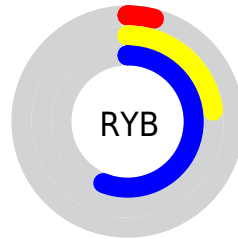
The YUV color **70.4750, 36.2478, -53.0366** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **83.5250, -36.2478, 53.0366**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.5200, 34.7466, -38.1670**, and **35.2560, 28.4678, -30.9195** is the 20% darker color. If you saturate the color by 10%, you get **65.1370, 38.8795, -57.1251**, and if you desaturate by 10%, it is **78.1830, 32.4478, -47.5185**.

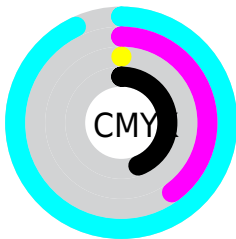
Distribution



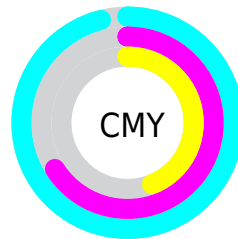
- Red (4%)
- Green (34%)
- Blue (56%)



- Red (4%)
- Yellow (23%)
- Blue (56%)



- Cyan (93%)
- Magenta (40%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (66%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4750, 36.2478, -53.0366 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 70.4750, 36.2478, -53.0366 by changing the saturation by 10% instead.

■ 70.4750, 36.2478,
-53.0366

■ 70.4750, 36.2478,
-53.0366

■ 255.0000, 0.0000,
0.0000

■ 51.0200, 33.0211,
-44.7445

■ 127.5200, 34.7466,
-38.1670

■ 35.2560, 28.4678,
-30.9195

■ 155.2320, 34.8886,
-37.0375

■ 20.7800, 23.7725,
-18.2241

■ 182.1720, 35.9042,
-36.1078

■ 7.5920, 18.9351,
-6.6582

■ 207.2790, 23.5265,
-32.6937

■ 3.4370, 10.6306,
-3.0142

■ 232.9730, 10.8593,
-29.7943

■ 0.0000, 0.0000,
0.0000

■ 246.9270, 3.9800,

-16.5990

■ 70.4750, 36.2478,
-53.0366

■ 70.4750, 36.2478,
-53.0366

■ 65.1370, 38.8795,
-57.1251

■ 78.1830, 32.4478,
-47.5185

■ 86.1900, 28.5003,
-41.3856

■ 93.8980, 24.7003,
-35.8675

■ 102.4920, 20.4634,
-30.2495

■ 110.2000, 16.6634,
-24.7314

■ 117.9080, 12.8634,
-19.2133

■ 125.9150, 8.9159,
-13.0805

■ 133.6230, 5.1159,
-7.5624

■ 141.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



71.2690, 31.9124, -62.5029



70.4750, 36.2478, -53.0366



86.0150, 24.1496, 0.8638

Triad

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



70.4750, 36.2478, -53.0366



83.0400, -13.8237, 47.3229



69.3850, -7.5848, -40.6796

Complementary

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



70.4750, 36.2478, -53.0366



83.5250, -36.2478, 53.0366

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.



77.1690, -23.2543, -8.0412



70.4750, 36.2478, -53.0366



82.2760, -25.2791, 34.8379

Square

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



70.4750, 36.2478, -53.0366



84.2970, -0.1464, 47.0975



80.4880, -30.3136, 16.2350



67.8030, 8.4781, -59.4632

Rectangle

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



70.4750, 36.2478, -53.0366



86.7250, 17.3906, 22.1662



80.4880, -30.3136, 16.2350



73.4530, -14.0273, -27.5843

Sweetspot

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



70.4750, 36.2478, -53.0366



157.5380, 14.0318, -20.6428



95.0420, -14.3177, -74.5818



76.8010, 8.4791, -12.9805



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.



70.4750, 36.2478, -53.0366



84.0130, 50.2796, -73.6794



31.7330, 55.3476, -19.0598



67.1460, 1.9000, -2.7590



61.1760, 36.3952, -53.6514



3.2600, 2.3368, -2.8590

Inverse Universe

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



58.8440, 13.8809, 74.6818



67.8120, 19.3197, 103.6509



122.2670, -55.3476, 19.0598



66.5490, 0.7153, 3.9035



49.2570, 14.1703, 75.1966



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 70.4750, 36.2478, -53.0366 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 70.4750, 36.2478, -53.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

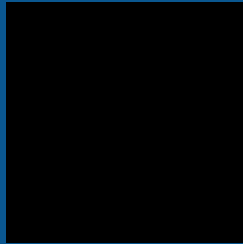
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4750, 36.2478, -53.0366

Background



This preview shows how black text looks on a background with the YUV color 70.4750, 36.2478, -53.0366.



This preview shows how white text looks on a background with the YUV color 70.4750, 36.2478,

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

70.4750, 36.2478, -53.0366

Protanopia

82.2190, 27.9930, -18.6091

Deuteranopia

77.7870, 33.1360, -34.8932



Tritanopia

65.9910, 16.7664, -57.8741

Trichromacy



Original Color

70.4750, 36.2478, -53.0366

Protanomaly

77.9400, 31.0886, -31.5194

Deuteranomaly

75.3840, 34.3207, -41.5558

Tritanomaly

67.8370, 23.7444, -55.9850

Monochromacy



Original Color

70.4750, 36.2478, -53.0366

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0220, 13.3002, -19.3133

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4750, 36.2478, -53.0366 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(10, 87, 144)` looks like.

```
.text, #text, p{  
    color:rgb(10, 87, 144)  
}
```

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(10, 87, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 87, 144) }
```

Border

The CSS property to change the border of an element to YUV 70.4750, 36.2478, -53.0366 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(10, 87, 144) }
```


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

```
.border{ border-color:rgb(10, 87, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 87, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 87, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 87, 144);  
box-shadow:4px 4px 4px 4px rgb(10, 87,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 70.4750, 36.2478, -53.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 87, 144) }
```

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

```
.background{ background-color: rgb(10, 87,  
144) }
```

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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