

Converting Colors

YUV(78.2690, 38.8144,
-36.1929)

Have a look what the booklet for
YUV(78.2690, 38.8144, -36.1929)
contains.

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Color

**YUV(78.2690, 38.8144,
-36.1929)**

Conversions

Conversions Part 1

Format	Color
Hex	25549D
RGB	37, 84, 157
RGB Percent	15%, 33%, 62%
CMY	0.8549, 0.6706, 0.3843
CMYK	0.76, 0.46, 0.00, 0.38
HSL	216°, 62%, 38%
HSV	216°, 76%, 62%
XYZ	10.0191, 9.1683, 33.1399
YIQ	78.2690, -51.4450, 12.7390

Conversions

Conversions Part 2

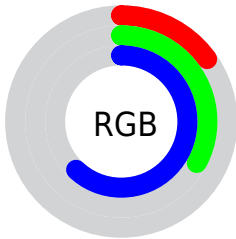
Format	Color
R_{YB}	37, 71, 157
Decimal	2446493
CIE _{Lab}	36.31, 10.73, -44.35
CIE _{LCh}	36, 45.630, 283.606
Yxy	9.1683, 0.1915, 0.1752
Android (android.graphics.Color)	4280636573 (0xFF25549D)
YUV	78.2690, 38.8144, -36.1929
Hunter-Lab	30.2792, 6.0753, -43.6962




Details

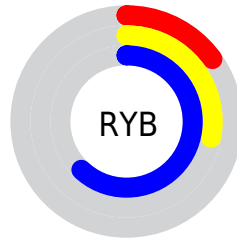
The YUV color **78.2690, 38.8144, -36.1929** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **115.7310, -38.8144, 36.1929**, and the grayscale version is **78.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **131.8400, 39.5189, -28.8007**, and **35.4500, 34.2882, -31.0896** is the 20% darker color. If you saturate the color by 10%, you get **67.6150, 44.0668, -40.8814**, and if you desaturate by 10%, it is **88.9230, 33.5620, -31.5045**.

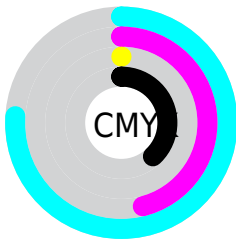
Distribution







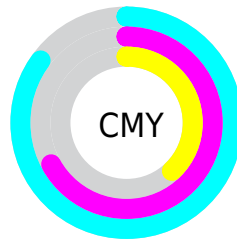
-  Red (15%)
-  Green (33%)
-  Blue (62%)






-  Red (15%)
-  Yellow (28%)
-  Blue (62%)



-  Cyan (76%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (85%)
-  Magenta (67%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2690, 38.8144, -36.1929 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 78.2690, 38.8144, -36.1929 by changing the saturation by 10% instead.

■ 78.2690, 38.8144,
-36.1929

■ 78.2690, 38.8144,
-36.1929

■ 255.0000, 0.0000,
0.0000

■ 50.7410, 39.5677,
-44.4999

■ 131.8400, 39.5189,
-28.8007

■ 35.4500, 34.2882,
-31.0896

■ 159.0790, 40.3871,
-27.2563

■ 21.4470, 28.8666,
-18.8090

■ 184.8960, 34.5613,
-25.3418

■ 9.4330, 23.4505,
-8.2727

■ 209.4160, 22.4729,
-21.4128

■ 5.0500, 14.2723,
-4.4289

■ 235.1100, 9.8058,
-18.5135

■ 1.0260, 3.9312,
-0.8998

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 78.2690, 38.8144,
-36.1929

■ 78.2690, 38.8144,
-36.1929

■ 67.6150, 44.0668,
-40.8814

■ 88.9230, 33.5620,
-31.5045

■ 57.8470, 48.8824,
-45.4698

■ 98.6910, 28.7463,
-26.9160

■ 53.7050, 50.9244,
-47.0993

■ 109.3450, 23.4939,
-22.2276

■ 119.4120, 18.5309,
-17.0243

■ 130.0660, 13.2785,
-12.3359

■ 139.8340, 8.4628,
-7.7474

■ 150.4880, 3.2104,
-3.0590

■ 160.5550, -1.7526,
2.1443

■ 170.9100, -6.8576,
6.2179

Harmonies

Analogous

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



73.5490, 40.6483, -64.5025



78.2690, 38.8144, -36.1929



88.0540, 25.1164, 17.4926

Triad

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



78.2690, 38.8144, -36.1929



81.7820, -22.5705, 52.8112



66.4690, -1.7102, -58.2933

Complementary

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



78.2690, 38.8144, -36.1929



115.7310, -38.8144, 36.1929

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.



73.4720, -22.9107, -24.9699



78.2690, 38.8144, -36.1929



80.7630, -37.3512, 33.5338

Square

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



78.2690, 38.8144, -36.1929



81.3050, -5.5734, 61.1225



78.5550, -38.7276, 8.2833



71.5020, 15.0355, -62.7073

Rectangle

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



78.2690, 38.8144, -36.1929



86.7920, 15.8785, 40.5244



78.5550, -38.7276, 8.2833



64.5140, -6.6624, -56.5788

Sweetspot

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



78.2690, 38.8144, -36.1929



172.9240, 15.3205, -13.9653



115.6480, -3.2775, -68.9743



83.3500, 9.1945, -9.0769



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



78.2690, 38.8144, -36.1929



80.8700, 60.7031, -56.8910



54.2680, 50.6469, -4.6200



73.6730, 2.6262, -2.3442



49.1740, 46.2562, -43.1256



5.2320, 4.8156, -4.5885

Inverse Universe

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



78.2380, 2.8407, 69.0743



80.6480, 4.6105, 108.1797



139.7320, -50.6469, 4.6200



73.7340, 0.1311, 4.6183



49.1410, 3.3815, 82.3143



5.1690, 0.4097, 8.6218

Previews

White Background



This preview shows how the YUV color 78.2690, 38.8144, -36.1929 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 78.2690, 38.8144, -36.1929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

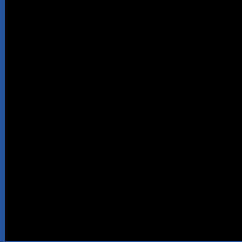
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2690, 38.8144, -36.1929

Background



This preview shows how black text looks on a background with the YUV color 78.2690, 38.8144, -36.1929.



This preview shows how white text looks on a background with the YUV color 78.2690, 38.8144,

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

78.2690, 38.8144, -36.1929

Protanopia

81.1560, 36.8981, -28.2008

Deuteranopia

68.5110, 41.6531, -60.0841



Tritanopia

67.2790, 16.6245, -59.0037

Trichromacy



Original Color

78.2690, 38.8144, -36.1929

Protanomaly

79.9600, 37.4877, -30.6599

Deuteranomaly

71.9250, 40.4630, -51.6772

Tritanomaly

71.0980, 24.6017, -50.9519

Monochromacy



Original Color

78.2690, 38.8144, -36.1929

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9950, 14.2995, -13.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2690, 38.8144, -36.1929 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(37, 84, 157)` looks like.

```
.text, #text, p{  
    color:rgb(37, 84, 157)  
}
```

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(37, 84, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 84, 157) }
```

Border

The CSS property to change the border of an element to YUV 78.2690, 38.8144, -36.1929 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(37, 84, 157) }
```


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

```
.border{ border-color:rgb(37, 84, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 84, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 84, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 84, 157);  
box-shadow:4px 4px 4px 4px rgb(37, 84,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 78.2690, 38.8144, -36.1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 84, 157) }
```

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

```
.background{ background-color: rgb(37, 84,  
157) }
```

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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