

Converting Colors

YUV(69.2500, 47.6977,
-38.8073)

Have a look what the booklet for
YUV(69.2500, 47.6977, -38.8073)
contains.

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Color

**YUV(69.2500, 47.6977,
-38.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	1949A6
RGB	25, 73, 166
RGB Percent	10%, 29%, 65%
CMY	0.9020, 0.7137, 0.3490
CMYK	0.85, 0.56, 0.00, 0.35
HSL	220°, 74%, 37%
HSV	220°, 85%, 65%
XYZ	9.6664, 7.7249, 37.0580
YIQ	69.2500, -58.4610, 18.7470

Conversions

Conversions Part 2

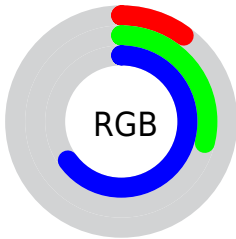
Format	Color
R _Y B	25, 61, 166
Decimal	1657254
CIE Lab	33.40, 20.44, -54.46
CIE LCh	33, 58.170, 290.575
Yxy	7.7249, 0.1775, 0.1419
Android (android.graphics.Color)	4279847334 (0xFF1949A6)
YUV	69.2500, 47.6977, -38.8073
Hunter-Lab	27.7938, 13.4413, -59.5969

Details

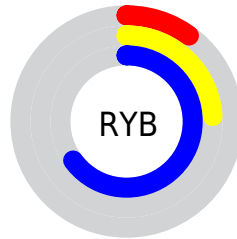
The YUV color **69.2500, 47.6977, -38.8073** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **121.7500, -47.6977, 38.8073**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0390, 47.8018, -25.4672**, and **31.0790, 40.3871, -27.2563** is the 20% darker color. If you saturate the color by 10%, you get **57.7100, 53.3870, -43.5957**, and if you desaturate by 10%, it is **80.7900, 42.0085, -34.0188**.

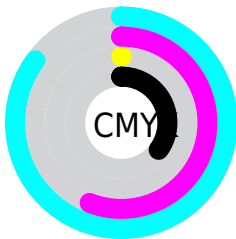
Distribution



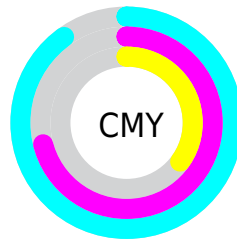
- Red (10%)
- Green (29%)
- Blue (65%)



- Red (10%)
- Yellow (24%)
- Blue (65%)



- Cyan (85%)
- Magenta (56%)
- Yellow (0%)
- Black (35%)



- Cyan (90%)
- Magenta (71%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.2500, 47.6977, -38.8073 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 69.2500, 47.6977, -38.8073 by changing the saturation by 10% instead.

■ 69.2500, 47.6977,
-38.8073

■ 69.2500, 47.6977,
-38.8073

■ 255.0000, 0.0000,
0.0000

■ 45.7830, 45.9560,
-40.1517

■ 125.0390, 47.8018,
-25.4672

■ 31.0790, 40.3871,
-27.2563

■ 152.5770, 48.5225,
-23.3080

■ 15.3150, 35.8337,
-13.4313

■ 176.9660, 38.4708,
-19.2642

■ 11.4050, 25.9293,
-10.0022

■ 201.4860, 26.3824,
-15.3352

■ 6.4350, 17.0405,
-5.6435

■ 226.8920, 13.8572,
-11.3063

■ 2.7530, 8.0098,
-2.4144

■ 251.7110, 1.6215,

■ 0.0000, 0.0000,

-6.7625

0.0000

■ 69.2500, 47.6977,
-38.8073

■ 69.2500, 47.6977,
-38.8073

■ 57.7100, 53.3870,
-43.5957

■ 80.7900, 42.0085,
-34.0188

■ 52.3830, 56.0132,
-45.9399

■ 92.0310, 36.4667,
-29.8452

■ 103.5710, 30.7775,
-25.0568

■ 114.8120, 25.2357,
-20.8831

■ 126.3520, 19.5465,
-16.0947

■ 137.8920, 13.8572,
-11.3063

■ 149.1330, 8.3154,
-7.1326

■ 160.6730, 2.6262,
-2.3442

■ 171.9140, -2.9156,
1.8294

Harmonies

Analogous

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



71.7370, 48.9367, -62.9133



69.2500, 47.6977, -38.8073



78.6030, 29.2827, 34.5512

Triad

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



69.2500, 47.6977, -38.8073



70.7370, -34.3803, 60.7437



64.0070, -0.9895, -56.1341

Complementary

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



69.2500, 47.6977, -38.8073



121.7500, -47.6977, 38.8073

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.



55.5030, -23.4190, -48.6761



69.2500, 47.6977, -38.8073



74.2680, -36.6141, 30.4600

Square

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



69.2500, 47.6977, -38.8073



62.3230, -6.0752, 82.1547



70.5150, -34.7639, -3.0827



70.0660, 19.6875, -61.4479

Rectangle

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



69.2500, 47.6977, -38.8073



70.2710, 19.5864, 64.6603



70.5150, -34.7639, -3.0827



61.5960, -7.6888, -54.0197

Sweetspot

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



69.2500, 47.6977, -38.8073



179.7220, 18.3781, -14.6652



118.2550, -0.6187, -81.7846



87.2190, 11.2310, -8.9621



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



69.2500, 47.6977, -38.8073



68.1760, 73.3702, -59.7904



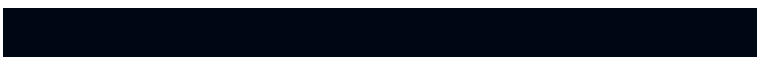
47.3530, 58.4930, -1.1866



78.6730, 2.6262, -2.3442



46.2220, 50.1766, -40.5367



6.3890, 6.7102, -5.6032

Inverse Universe

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



72.6310, 0.1819, 81.8846



73.3190, 0.3357, 126.0082



143.6470, -58.4930, 1.1866



78.7340, 0.1311, 4.6183



49.9520, 0.0237, 85.9881



6.7780, 0.1094, 11.5957

Previews

White Background



This preview shows how the YUV color 69.2500, 47.6977, -38.8073 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 69.2500, 47.6977, -38.8073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

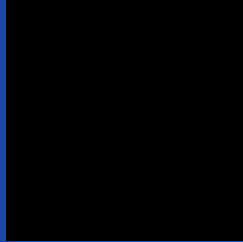
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.2500, 47.6977, -38.8073

Background



This preview shows how black text looks on a background with the YUV color 69.2500, 47.6977, -38.8073.



This preview shows how white text looks on a background with the YUV color 69.2500, 47.6977, -38.8073.

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

69.2500, 47.6977, -38.8073

Deuteranopia

62.6920, 37.1268, -54.9809

Tritanopia

61.6710, 15.4452, -54.0855

Trichromacy



Original Color

69.2500, 47.6977, -38.8073

Deuteranomaly

64.7620, 41.0363, -48.9033

Tritanomaly

64.5050, 27.3590, -48.6779

Monochromacy



Original Color

69.2500, 47.6977, -38.8073

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

68.7930, 17.3571, -13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2500, 47.6977, -38.8073 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(25, 73, 166)` looks like.

```
.text, #text, p{  
    color:rgb(25, 73, 166)  
}
```

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(25, 73, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 73, 166) }
```

Border

The CSS property to change the border of an element to YUV 69.2500, 47.6977, -38.8073 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(25, 73, 166) }
```

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

```
.border{ border-color:rgb(25, 73, 166) }
```

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

Here you see how a box with a 4 pixel rgb(25, 73, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 73, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 73, 166);  
box-shadow:4px 4px 4px 4px rgb(25, 73,  
166) }
```


Background

The CSS property to change the background color of an element to YUV 69.2500, 47.6977, -38.8073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 73, 166) }
```

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

```
.background{ background-color: rgb(25, 73,  
166) }
```

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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