

Converting Colors

YUV(60.8370, 47.4084,
-39.3220)

Have a look what the booklet for
YUV(60.8370, 47.4084, -39.3220)
contains.

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Color

**YUV(60.8370, 47.4084,
-39.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	10419D
RGB	16, 65, 157
RGB Percent	6%, 25%, 62%
CMY	0.9373, 0.7451, 0.3843
CMYK	0.90, 0.59, 0.00, 0.38
HSL	219°, 82%, 34%
HSV	219°, 90%, 62%
XYZ	8.1898, 6.3251, 32.6875
YIQ	60.8370, -58.7360, 18.2240

Conversions

Conversions Part 2

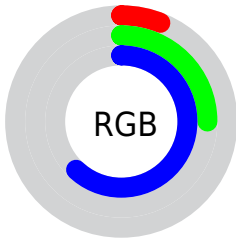
Format	Color
R_{YB}	16, 52, 157
Decimal	1065373
CIE _{Lab}	30.22, 21.63, -54.23
CIE _{LCh}	30, 58.384, 291.740
Yxy	6.3251, 0.1735, 0.1340
Android (android.graphics.Color)	4279255453 (0xFF10419D)
YUV	60.8370, 47.4084, -39.3220
Hunter-Lab	25.1497, 14.1150, -59.4555

Details

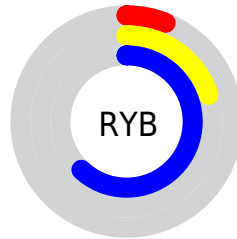
The YUV color **60.8370, 47.4084, -39.3220** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **112.1630, -47.4084, 39.3220**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.8220, 46.9228, -23.5229**, and **26.0580, 38.9184, -22.8529** is the 20% darker color. If you saturate the color by 10%, you get **50.1830, 52.6608, -44.0105**, and if you desaturate by 10%, it is **71.4910, 42.1559, -34.6336**.

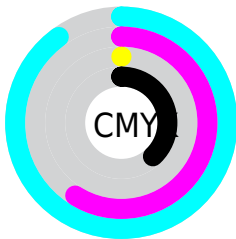
Distribution



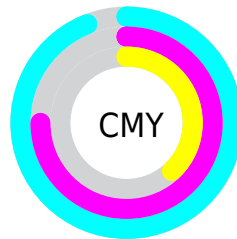
- Red (6%)
- Green (25%)
- Blue (62%)



- Red (6%)
- Yellow (20%)
- Blue (62%)



- Cyan (90%)
- Magenta (59%)
- Yellow (0%)
- Black (38%)



- Cyan (94%)
- Magenta (75%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.8370, 47.4084, -39.3220 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 60.8370, 47.4084, -39.3220 by changing the saturation by 10% instead.

■ 60.8370, 47.4084,
-39.3220

■ 60.8370, 47.4084,
-39.3220

■ 255.0000, 0.0000,
0.0000

■ 40.6480, 44.0505,
-35.6483

■ 116.8220, 46.9228,
-23.5229

■ 26.0580, 38.9184,
-22.8529

■ 143.7730, 47.9329,
-20.8489

■ 9.1200, 34.9438,
-7.9982

■ 169.8890, 41.9597,
-18.3197

■ 9.3190, 23.0137,
-8.1728

■ 194.4090, 29.8714,
-14.3907

■ 5.0500, 14.2723,
-4.4289

■ 219.2280, 17.6356,
-9.8470

■ 0.7980, 3.0576,
-0.6998

■ 244.9220, 4.9685,

■ 0.0000, 0.0000,

-6.9476

0.0000

■ 60.8370, 47.4084,
-39.3220

■ 60.8370, 47.4084,
-39.3220

■ 50.1830, 52.6608,
-44.0105

■ 71.4910, 42.1559,
-34.6336

■ 81.8460, 37.0509,
-30.5599

■ 93.0870, 31.5091,
-26.3863

■ 103.7410, 26.2567,
-21.6979

■ 114.3950, 21.0043,
-17.0094

■ 124.7500, 15.8993,
-12.9357

■ 135.9910, 10.3574,
-8.7621

■ 146.6450, 5.1050,
-4.0737

■ 157.0000, 0.0000,
0.0000

Harmonies

Analogous

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



66.0150, 47.3206, -57.8952



60.8370, 47.4084, -39.3220



70.0870, 28.5511, 35.8807

Triad

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



60.8370, 47.4084, -39.3220



63.5240, -31.3173, 58.2995



58.7410, -0.8583, -51.5159

Complementary

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



60.8370, 47.4084, -39.3220



112.1630, -47.4084, 39.3220

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.



50.7100, -24.0140, -44.4727



60.8370, 47.4084, -39.3220



67.4570, -33.2563, 26.7862

Square

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



60.8370, 47.4084, -39.3220



48.6270, -3.7601, 86.2731



63.4160, -31.2641, -5.6268



64.6860, 19.3818, -56.7296

Rectangle

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



60.8370, 47.4084, -39.3220



56.8740, 21.7541, 69.3935



63.4160, -31.2641, -5.6268



56.2160, -7.9945, -49.3014

Sweetspot

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



60.8370, 47.4084, -39.3220



166.4230, 18.5255, -15.2800



109.2550, -0.6187, -81.7846



79.8060, 10.9416, -9.4769



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.



60.8370, 47.4084, -39.3220



64.9330, 68.5600, -56.9462



38.3530, 58.4930, -1.1866



73.6730, 2.6262, -2.3442



45.6520, 47.9926, -40.0368



4.6450, 5.1050, -4.0737

Inverse Universe

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



63.7450, 0.6187, 81.7846



69.0900, 0.9416, 118.3161



134.6470, -58.4930, 1.1866



73.7340, 0.1311, 4.6183



48.4570, 0.7607, 82.9142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 60.8370, 47.4084, -39.3220 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 60.8370, 47.4084, -39.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

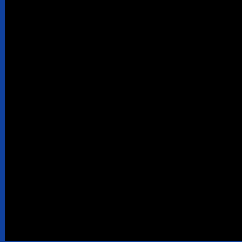
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.8370, 47.4084, -39.3220

Background



This preview shows how black text looks on a background with the YUV color 60.8370, 47.4084, -39.3220.



This preview shows how white text looks on a background with the YUV color 60.8370, 47.4084,

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

60.8370, 47.4084, -39.3220

Protanopia

57.0330, 43.3677, -50.0179

Deuteranopia

57.1010, 33.4742, -50.0776



Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Original Color

60.8370, 47.4084, -39.3220

Protanomaly

58.6960, 44.5199, -46.2144

Deuteranomaly

58.5020, 38.6995, -46.0443

Tritanomaly

57.8860, 26.1852, -45.5040

Monochromacy



Original Color

60.8370, 47.4084, -39.3220

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

60.7930, 17.3571, -13.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.8370, 47.4084, -39.3220 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(16, 65, 157)` looks like.

```
.text, #text, p{  
    color:rgb(16, 65, 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(16, 65, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 65, 157) }
```

Border

The CSS property to change the border of an element to YUV 60.8370, 47.4084, -39.3220 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(16, 65, 157) }
```


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

```
.border{ border-color:rgb(16, 65, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 65, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 65, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 65, 157);  
box-shadow:4px 4px 4px 4px rgb(16, 65,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 60.8370, 47.4084, -39.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 65, 157) }
```

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

```
.background{ background-color: rgb(16, 65,  
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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