

Converting Colors

YUV(63.2590, 54.1023,
-39.6921)

Have a look what the booklet for
YUV(63.2590, 54.1023, -39.6921)
contains.

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Color

**YUV(63.2590, 54.1023,
-39.6921)**

Conversions

Conversions Part 1

Format	Color
Hex	1241AD
RGB	18, 65, 173
RGB Percent	7%, 25%, 68%
CMY	0.9294, 0.7451, 0.3216
CMYK	0.90, 0.62, 0.00, 0.32
HSL	222°, 81%, 37%
HSV	222°, 90%, 68%
XYZ	9.6826, 6.9263, 40.3617
YIQ	63.2590, -62.6800, 23.6240

Conversions

Conversions Part 2

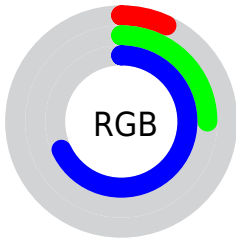
Format	Color
R _Y B	18, 54, 173
Decimal	1196461
CIE Lab	31.64, 28.18, -61.53
CIE LCh	32, 67.680, 294.605
Yxy	6.9263, 0.1700, 0.1216
Android (android.graphics.Color)	4279386541 (0xFF1241AD)
YUV	63.2590, 54.1023, -39.6921
Hunter-Lab	26.3179, 19.6153, -72.5060

Details

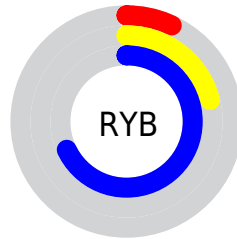
The YUV color **63.2590, 54.1023, -39.6921** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **127.7410, -54.1023, 39.6921**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.5540, 53.4639, -21.5339**, and **27.6540, 45.0336, -24.2526** is the 20% darker color. If you saturate the color by 10%, you get **51.1320, 60.0809, -43.9658**, and if you desaturate by 10%, it is **75.3860, 48.1237, -35.4185**.

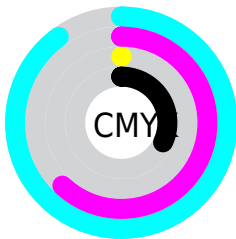
Distribution



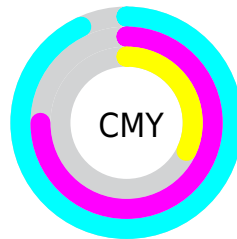
- Red (7%)
- Green (25%)
- Blue (68%)



- Red (7%)
- Yellow (21%)
- Blue (68%)



- Cyan (90%)
- Magenta (62%)
- Yellow (0%)
- Black (32%)



- Cyan (93%)
- Magenta (75%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.2590, 54.1023, -39.6921 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 63.2590, 54.1023, -39.6921 by changing the saturation by 10% instead.

■ 63.2590, 54.1023,
-39.6921

■ 63.2590, 54.1023,
-39.6921

■ 255.0000, 0.0000,
0.0000

■ 41.8850, 51.3287,
-36.7331

■ 120.5540, 53.4639,
-21.5339

■ 27.6540, 45.0336,
-24.2526

■ 147.7500, 52.8742,
-19.0748

■ 10.7160, 41.0590,
-9.3979

■ 171.9820, 40.9279,
-14.0162

■ 12.5620, 27.8239,
-11.0169

■ 196.8010, 28.6921,
-9.4725

■ 7.5920, 18.9351,
-6.6582

■ 222.2070, 16.1669,
-5.4435

■ 3.3230, 10.1938,
-2.9143

■ 247.6130, 3.6418,

■ 0.0000, 0.0000,

-1.4146

0.0000

■ 63.2590, 54.1023,
-39.6921

■ 63.2590, 54.1023,
-39.6921

■ 51.1320, 60.0809,
-43.9658

■ 75.3860, 48.1237,
-35.4185

■ 50.2460, 60.5177,
-44.0657

■ 87.8120, 41.9977,
-30.5301

■ 99.9390, 36.0191,
-26.2565

■ 112.0660, 30.0405,
-21.9829

■ 124.4920, 23.9144,
-17.0945

■ 136.6190, 17.9358,
-12.8209

■ 148.7460, 11.9572,
-8.5472

■ 160.8730, 5.9786,
-4.2736

■ 173.2990, -0.1474,
0.6148

Harmonies

Analogous

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



70.6430, 54.8990, -61.9539



63.2590, 54.1023, -39.6921



67.9670, 34.0333, 50.8949

Triad

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



63.2590, 54.1023, -39.6921



65.3290, -32.2072, 63.7325



62.3600, 0.3155, -54.6897

Complementary

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



63.2590, 54.1023, -39.6921



127.7410, -54.1023, 39.6921

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.



53.4170, -26.3346, -46.8467



63.2590, 54.1023, -39.6921



70.4030, -34.7087, 25.9566

Square

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



63.2590, 54.1023, -39.6921



51.8300, -8.2972, 94.8651



63.9590, -31.5318, -13.1190



69.2170, 24.0500, -60.7033

Rectangle

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



63.2590, 54.1023, -39.6921



57.3040, 23.0211, 83.0484



63.9590, -31.5318, -13.1190



60.1940, -7.9836, -52.7901

Sweetspot

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



63.2590, 54.1023, -39.6921



181.4060, 20.9988, -15.2651



121.0690, 1.4450, -90.3915



86.5610, 12.5414, -9.2620



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



63.2590, 54.1023, -39.6921



65.4520, 78.1642, -57.4014



44.0420, 63.5763, 1.7172



80.7870, 3.0630, -2.4442



44.1020, 52.2077, -38.6775



6.7310, 8.0206, -5.9031

Inverse Universe

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



69.7030, -2.3186, 90.5915



74.7280, -3.3169, 130.9115



146.9580, -63.5763, -1.7172



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 63.2590, 54.1023, -39.6921 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 63.2590, 54.1023, -39.6921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

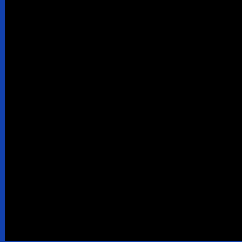
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.2590, 54.1023, -39.6921

Background



This preview shows how black text looks on a background with the YUV color 63.2590, 54.1023, -39.6921.



This preview shows how white text looks on a background with the YUV color 63.2590, 54.1023, -39.6921.

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

63.2590, 54.1023, -39.6921

Protanopia

59.5920, 45.5571, -52.2622

Deuteranopia

59.4320, 34.7900, -52.1219



Tritanopia

58.6390, 13.9820, -51.4264

Trichromacy



Original Color

63.2590, 54.1023, -39.6921

Protanomaly

60.8360, 48.8879, -47.2142

Deuteranomaly

61.0010, 41.9045, -47.3589

Tritanomaly

60.1570, 28.5166, -46.6187

Monochromacy



Original Color

63.2590, 54.1023, -39.6921

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.3630, 19.5410, -14.3504

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.2590, 54.1023, -39.6921 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(18, 65, 173)` looks like.

```
.text, #text, p{  
    color:rgb(18, 65, 173)  
}
```

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(18, 65, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 65, 173) }
```

Border

The CSS property to change the border of an element to YUV 63.2590, 54.1023, -39.6921 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(18, 65, 173) }
```


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

```
.border{ border-color:rgb(18, 65, 173) }
```

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

Here you see how a box with a 4 pixel rgb(18, 65, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 65, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 65, 173);  
box-shadow:4px 4px 4px 4px rgb(18, 65,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 63.2590, 54.1023, -39.6921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 65, 173) }
```

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

```
.background{ background-color: rgb(18, 65,  
173) }
```

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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