

Converting Colors

YUV(61.2240, 54.1196, 1.5576)

Have a look what the booklet for
YUV(61.2240, 54.1196, 1.5576)
contains.

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Color

**YUV(61.2240, 54.1196,
1.5576)**

Conversions

Conversions Part 1

Format	Color
Hex	3F27AB
RGB	63, 39, 171
RGB Percent	25%, 15%, 67%
CMY	0.7529, 0.8471, 0.3294
CMYK	0.63, 0.77, 0.00, 0.33
HSL	251°, 63%, 41%
HSV	251°, 77%, 67%
XYZ	10.1261, 5.4481, 39.0460
YIQ	61.2240, -28.0680, 46.1400

Conversions

Conversions Part 2

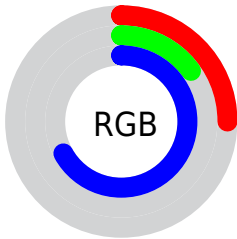
Format	Color
RYB	63, 39, 171
Decimal	4138923
CIELab	27.97, 47.48, -66.27
CIELCh	28, 81.528, 305.621
Yxy	5.4481, 0.1854, 0.0997
Android (android.graphics.Color)	4282329003 (0xFF3F27AB)
YUV	61.2240, 54.1196, 1.5576
Hunter-Lab	23.3411, 36.5919, -82.8439

Details

The YUV color **61.2240, 54.1196, 1.5576** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **148.7760, -54.1196, -1.5576**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.7240, 55.8451, 8.1351**, and **13.3380, 51.1054, -11.6974** is the 20% darker color. If you saturate the color by 10%, you get **47.0590, 61.1029, 1.7023**, and if you desaturate by 10%, it is **75.3890, 47.1362, 1.4128**.

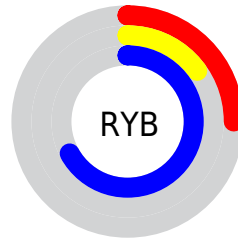
Distribution



Red (25%)

Green (15%)

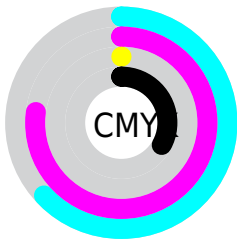
Blue (67%)



Red (25%)

Yellow (15%)

Blue (67%)

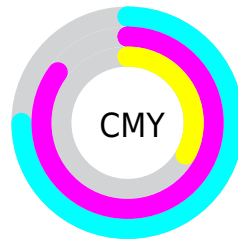


Cyan (63%)

Magenta (77%)

Yellow (0%)

Black (33%)



Cyan (75%)

Magenta (85%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.2240, 54.1196, 1.5576 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 61.2240, 54.1196, 1.5576 by changing the saturation by 10% instead.

■ 61.2240, 54.1196,
1.5576

■ 61.2240, 54.1196,
1.5576

■ 255.0000, 0.0000,
0.0000

■ 31.8100, 55.3097,
-6.8494

■ 114.7240, 55.8451,
8.1351

■ 13.3380, 51.1054,
-11.6974

■ 141.1480, 56.1290,
10.3942

■ 10.4880, 40.1854,
-9.1980

■ 165.0810, 44.3301,
14.8380

■ 11.7470, 27.2397,
-10.3021

■ 189.9000, 32.0943,
19.3817

■ 6.7770, 18.3509,
-5.9434

■ 215.3060, 19.5691,
23.4106

■ 3.0950, 9.3202,
-2.7143

■ 235.6290, 9.5499,

■ 0.0000, 0.0000,

16.9884

0.0000

252.6520, 1.1576,
2.0592

61.2240, 54.1196,
1.5576

61.2240, 54.1196,
1.5576

47.0590, 61.1029,
1.7023

75.3890, 47.1362,
1.4128

32.8940, 68.0863,
1.8470

89.5540, 40.1529,
1.2681

28.7630, 70.1228,
1.9618

103.7190, 33.1695,
1.1234

117.8840, 26.1862,
0.9787

132.0490, 19.2028,
0.8340

■ 146.8010, 11.9301,
0.1745

■ 160.9660, 4.9468,
0.0298

■ 175.1310, -2.0366,
-0.1149

■ 189.2960, -9.0199,
-0.2596

Harmonies

Analogous

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



65.0810, 64.0501, -57.0760



61.2240, 54.1196, 1.5576



56.6220, 30.7524, 76.6305

Triad

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



61.2240, 54.1196, 1.5576



59.0720, -29.1225, 54.3109



59.8470, 8.4564, -52.4858

Complementary

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



61.2240, 54.1196, 1.5576



148.7760, -54.1196, -1.5576

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.



50.0090, -24.1614, -43.8579



61.2240, 54.1196, 1.5576



61.1450, -30.1445, 8.6428

Square

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



61.2240, 54.1196, 1.5576



46.3450, -22.8481, 95.2904



46.9600, -23.1513, -41.1839



68.0890, 34.9591, -59.7141

Rectangle

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



61.2240, 54.1196, 1.5576



57.6290, 10.0429, 92.4104



46.9600, -23.1513, -41.1839



57.3390, -1.1531, -50.2863

Sweetspot

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



61.2240, 54.1196, 1.5576



179.5050, 20.9500, 0.4341



118.6180, 25.8243, -69.8250



86.0290, 12.8037, -0.0254



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.



61.2240, 54.1196, 1.5576



50.5470, 84.5263, 2.1513



80.3600, 44.6855, 40.9033



79.6240, 3.6364, 0.3298



25.1730, 61.5397, 1.6023



3.8180, 9.4567, 0.1596

Inverse Universe

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



90.7800, 27.7165, 70.3529



96.7460, 43.0162, 109.8478



129.6400, -44.6855, -40.9033



81.4890, 1.7309, 4.8331



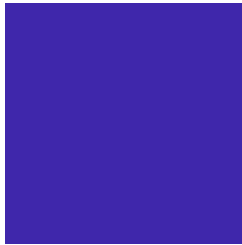
58.8720, 31.6151, 79.9193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 61.2240, 54.1196, 1.5576 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 61.2240, 54.1196, 1.5576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

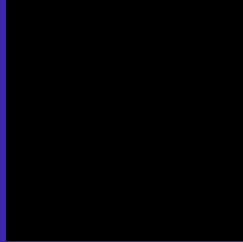
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.2240, 54.1196, 1.5576

Background



This preview shows how black text looks on a background with the YUV color 61.2240, 54.1196, 1.5576.



This preview shows how white text looks on a background with the YUV color 61.2240, 54.1196,

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

61.2240, 54.1196, 1.5576

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

51.8570, 13.3815, -45.4786

Trichromacy



Original Color

61.2240, 54.1196, 1.5576

Protanomaly

56.0340, 45.3392, -28.9708

Deuteranomaly

55.7260, 39.0821, -28.7007

Tritanomaly

55.4520, 27.8782, -28.4604

Monochromacy



Original Color

61.2240, 54.1196, 1.5576

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1630, 19.6396, 0.7340

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.2240, 54.1196, 1.5576 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(63, 39, 171)` looks like.

```
.text, #text, p{  
    color:rgb(63, 39, 171)  
}
```

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(63, 39, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 39, 171) }
```

Border

The CSS property to change the border of an element to YUV 61.2240, 54.1196, 1.5576 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(63, 39, 171) }
```


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

```
.border{ border-color:rgb(63, 39, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 39, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 39, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 39, 171);  
box-shadow:4px 4px 4px 4px rgb(63, 39,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 61.2240, 54.1196, 1.5576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 39, 171) }
```

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

```
.background{ background-color: rgb(63, 39,  
171) }
```

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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