

Converting Colors

YUV(61.5360, 47.5568, 6.5459)

Have a look what the booklet for
YUV(61.5360, 47.5568, 6.5459)
contains.

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Color

**YUV(61.5360, 47.5568,
6.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	45279E
RGB	69, 39, 158
RGB Percent	27%, 15%, 62%
CMY	0.7294, 0.8471, 0.3804
CMYK	0.56, 0.75, 0.00, 0.38
HSL	255°, 60%, 39%
HSV	255°, 75%, 62%
XYZ	9.3513, 5.1849, 32.8557
YIQ	61.5360, -20.3190, 43.3690

Conversions

Conversions Part 2

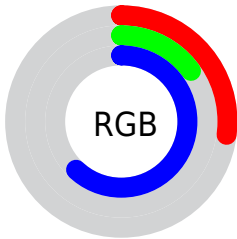
Format	Color
R _Y B	69, 39, 158
Decimal	4532126
CIE Lab	27.26, 44.38, -59.57
CIE LCh	27, 74.283, 306.687
Yxy	5.1849, 0.1973, 0.1094
Android (android.graphics.Color)	4282722206 (0xFF45279E)
YUV	61.5360, 47.5568, 6.5459
Hunter-Lab	22.7703, 33.4584, -69.6113

Details

The YUV color **61.5360, 47.5568, 6.5459** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **135.4640, -47.5568, -6.5459**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0250, 49.2877, 11.3791**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **48.5560, 53.9559, 7.4054**, and if you desaturate by 10%, it is **74.5160, 41.1576, 5.6865**.

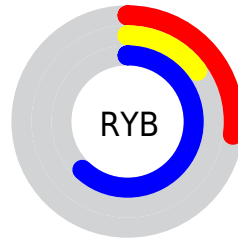
Distribution



Red (27%)

Green (15%)

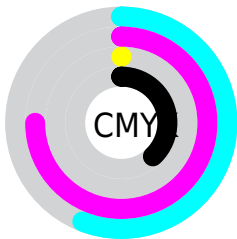
Blue (62%)



Red (27%)

Yellow (15%)

Blue (62%)

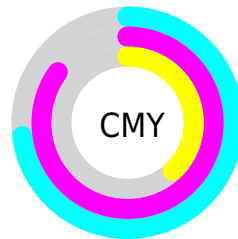


Cyan (56%)

Magenta (75%)

Yellow (0%)

Black (38%)



Cyan (73%)

Magenta (85%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5360, 47.5568, 6.5459 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 61.5360, 47.5568, 6.5459 by changing the saturation by 10% instead.

61.5360, 47.5568,
6.5459

61.5360, 47.5568,
6.5459

255.0000, 0.0000,
0.0000

34.2150, 47.7150,
2.4424

114.0250, 49.2877,
11.3791

11.9700, 45.8638,
-10.4977

140.3780, 50.5926,
12.8235

9.1200, 34.9438,
-7.9982

165.6790, 44.0353,
16.0675

9.3190, 23.0137,
-8.1728

190.1990, 31.9469,
19.9965

5.0500, 14.2723,
-4.4289

215.0180, 19.7111,
24.5402

0.9120, 3.4944,
-0.7998

235.0420, 9.8393,

0.0000, 0.0000,

17.5032

0.0000

252.0650, 1.4470,
2.5740

61.5360, 47.5568,
6.5459

61.5360, 47.5568,
6.5459

48.5560, 53.9559,
7.4054

74.5160, 41.1576,
5.6865

35.5760, 60.3550,
8.2648

87.4960, 34.7585,
4.8270

29.9720, 63.1178,
8.7946

99.5900, 28.7961,
3.8676

112.5700, 22.3970,
3.0081

125.5500, 15.9979,
2.1487

■ 138.5300, 9.5987,
1.2892

■ 151.5100, 3.1996,
0.4297

■ 163.9030, -2.9102,
0.0851

■ 176.5840, -9.1619,
-1.3892

Harmonies

Analogous

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



61.7240, 58.8031, -54.1319



61.5360, 47.5568, 6.5459



53.6170, 28.2898, 73.1269

Triad

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



61.5360, 47.5568, 6.5459



58.7400, -28.9588, 48.4630



58.5590, 8.5984, -51.3562

Complementary

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



61.5360, 47.5568, 6.5459



135.4640, -47.5568, -6.5459

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.



49.9750, -19.2147, -43.8281



61.5360, 47.5568, 6.5459



59.9600, -29.5603, 7.9281

Square

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



61.5360, 47.5568, 6.5459



43.6540, -21.5214, 89.7574



45.7860, -22.5725, -40.1543



64.9430, 33.0591, -56.9550

Rectangle

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



61.5360, 47.5568, 6.5459



54.3680, 9.1856, 87.3773



45.7860, -22.5725, -40.1543



55.6920, 0.1518, -48.8419

Sweetspot

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



61.5360, 47.5568, 6.5459



168.0600, 19.1974, 2.5784



104.8090, 26.2232, -57.7145



80.8120, 11.9247, 1.9189



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



61.5360, 47.5568, 6.5459



56.2570, 74.3163, 10.2986



79.1770, 38.8597, 42.8178



72.5100, 3.1996, 0.4297



27.0660, 57.1555, 7.8351



2.9060, 5.9623, 0.9594

Inverse Universe

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



84.7270, 21.3336, 64.2604



92.4600, 33.2972, 100.4516



117.8230, -38.8597, -42.8178



74.0760, 1.4415, 4.3183



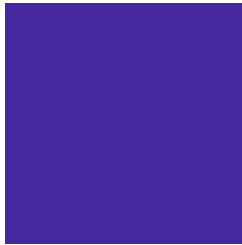
54.9550, 25.6582, 77.2155



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 61.5360, 47.5568, 6.5459 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 61.5360, 47.5568, 6.5459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

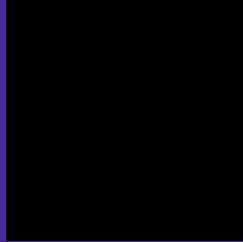
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5360, 47.5568, 6.5459

Background



This preview shows how black text looks on a background with the YUV color 61.5360, 47.5568, 6.5459.



This preview shows how white text looks on a background with the YUV color 61.5360, 47.5568,

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

61.5360, 47.5568, 6.5459

Protanopia

52.0290, 39.4257, -45.6294

Deuteranopia

52.2110, 29.9690, -45.7890



Tritanopia

61.0020, 6.9010, -20.1728

Trichromacy



Original Color

61.5360, 47.5568, 6.5459

Protanomaly

55.2470, 42.2762, -26.5266

Deuteranomaly

55.6400, 36.1665, -26.8713

Tritanomaly

61.2540, 21.5668, -10.7468

Monochromacy



Original Color

61.5360, 47.5568, 6.5459

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1910, 17.1608, 2.4635

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5360, 47.5568, 6.5459 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(69, 39, 158)` looks like.

```
.text, #text, p{  
    color:rgb(69, 39, 158)  
}
```

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(69, 39, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 39, 158) }
```

Border

The CSS property to change the border of an element to YUV 61.5360, 47.5568, 6.5459 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(69, 39, 158) }
```


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

```
.border{ border-color:rgb(69, 39, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 39, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 39, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 39, 158);  
box-shadow:4px 4px 4px 4px rgb(69, 39,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 61.5360, 47.5568, 6.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 39, 158) }
```

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

```
.background{ background-color: rgb(69, 39,  
158) }
```

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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