

Converting Colors

YUV(59.7530, 48.4358, 4.6016)

Have a look what the booklet for
YUV(59.7530, 48.4358, 4.6016)
contains.

YUV(59.7530, 48.4358, 4.6016)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(59.7530, 48.4358,
4.6016)**

Conversions

Conversions Part 1

Format	Color
Hex	41269E
RGB	65, 38, 158
RGB Percent	25%, 15%, 62%
CMY	0.7451, 0.8510, 0.3804
CMYK	0.59, 0.76, 0.00, 0.38
HSL	253°, 61%, 38%
HSV	253°, 76%, 62%
XYZ	9.0446, 4.9787, 32.8320
YIQ	59.7530, -22.4280, 43.0440

Conversions

Conversions Part 2

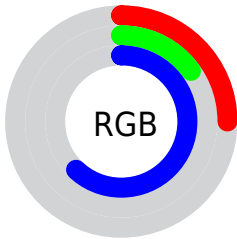
Format	Color
R_{YB}	65, 38, 158
Decimal	4269726
CIE _{Lab}	26.67, 44.33, -60.54
CIE _{LCh}	27, 75.036, 306.216
Yxy	4.9787, 0.1930, 0.1063
Android (android.graphics.Color)	4282459806 (0xFF41269E)
YUV	59.7530, 48.4358, 4.6016
Hunter-Lab	22.3129, 33.3081, -71.6224

Details

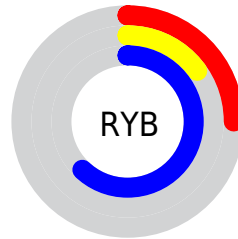
The YUV color **59.7530, 48.4358, 4.6016** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **136.2470, -48.4358, -4.6016**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6550, 50.4561, 9.9496**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **46.7730, 54.8349, 5.4611**, and if you desaturate by 10%, it is **72.7330, 42.0366, 3.7422**.

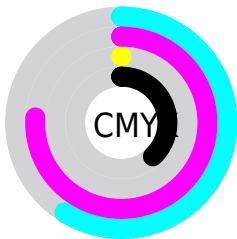
Distribution



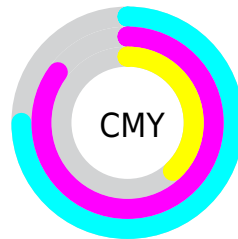
- Red (25%)
- Green (15%)
- Blue (62%)



- Red (25%)
- Yellow (15%)
- Blue (62%)



- Cyan (59%)
- Magenta (76%)
- Yellow (0%)
- Black (38%)



- Cyan (75%)
- Magenta (85%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7530, 48.4358, 4.6016 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 59.7530, 48.4358, 4.6016 by changing the saturation by 10% instead.

■ 59.7530, 48.4358,
4.6016

■ 59.7530, 48.4358,
4.6016

■ 255.0000, 0.0000,
0.0000

■ 31.8340, 48.8888,
-0.7314

■ 111.6550, 50.4561,
9.9496

■ 11.9700, 45.8638,
-10.4977

■ 138.8940, 51.3243,
11.4940

■ 9.1200, 34.9438,
-7.9982

■ 164.1950, 44.7669,
14.7380

■ 9.3190, 23.0137,
-8.1728

■ 188.1280, 32.9679,
19.1817

■ 5.0500, 14.2723,
-4.4289

■ 213.5340, 20.4427,
23.2107

■ 0.7980, 3.0576,
-0.6998

■ 234.4550, 10.1287,

■ 0.0000, 0.0000,

18.0180

0.0000

251.4780, 1.7363,
3.0888

59.7530, 48.4358,
4.6016

59.7530, 48.4358,
4.6016

46.7730, 54.8349,
5.4611

72.7330, 42.0366,
3.7422

33.7930, 61.2341,
6.3205

85.7130, 35.6375,
2.8827

28.7760, 63.7074,
6.3354

98.4050, 29.3803,
3.1528

111.3850, 22.9812,
2.2934

124.3650, 16.5821,
1.4339

■ 137.3450, 10.1829,
0.5744

■ 150.6240, 3.6364,
0.3298

■ 163.0170, -2.4734,
-0.0149

■ 175.9970, -8.8725,
-0.8744

Harmonies

Analogous

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



61.1370, 59.0925, -53.6171



59.7530, 48.4358, 4.6016



53.3180, 28.4372, 72.5121

Triad

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



59.7530, 48.4358, 4.6016



57.2670, -28.2326, 48.8778



57.1570, 8.3036, -50.1267

Complementary

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



59.7530, 48.4358, 4.6016



136.2470, -48.4358, -4.6016

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.



48.3450, -20.3831, -42.3986



59.7530, 48.4358, 4.6016



58.4870, -28.8341, 8.3429

Square

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



59.7530, 48.4358, 4.6016



43.3550, -21.3740, 89.1427



45.1990, -22.2831, -39.6395



64.2420, 32.9117, -56.3402

Rectangle

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



59.7530, 48.4358, 4.6016



54.0690, 9.3330, 86.7625



45.1990, -22.2831, -39.6395



54.8770, -0.4324, -48.1271

Sweetspot

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



59.7530, 48.4358, 4.6016



167.7610, 19.3448, 1.9636



106.8580, 25.2130, -60.3885



80.5130, 12.0721, 1.3041



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.



59.7530, 48.4358, 4.6016



52.9900, 75.9269, 7.0248



77.3940, 39.7388, 40.8735



72.5100, 3.1996, 0.4297



25.8700, 57.7451, 5.3760



2.6070, 6.1097, 0.3447

Inverse Universe

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



84.4820, 22.9334, 64.4753



91.7420, 35.6232, 101.0813



118.6060, -39.7388, -40.8735



74.0760, 1.4415, 4.3183



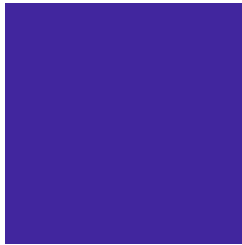
55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 59.7530, 48.4358, 4.6016 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 59.7530, 48.4358, 4.6016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

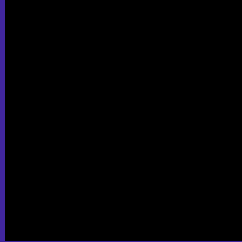
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7530, 48.4358, 4.6016

Background



This preview shows how black text looks on a background with the YUV color 59.7530, 48.4358, 4.6016.



This preview shows how white text looks on a background with the YUV color 59.7530, 48.4358,

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

59.7530, 48.4358, 4.6016

Protanopia

50.5130, 38.6941, -44.2999

Deuteranopia

50.6950, 29.2374, -44.4595



Tritanopia

57.7240, 8.5171, -25.1909

Trichromacy



Original Color

59.7530, 48.4358, 4.6016

Protanomaly

54.2470, 42.2762, -26.5266

Deuteranomaly

53.9390, 36.0191, -26.2565

Tritanomaly

58.5740, 22.8880, -14.5354

Monochromacy



Original Color

59.7530, 48.4358, 4.6016

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.0060, 17.7450, 1.7487

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7530, 48.4358, 4.6016 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(65, 38, 158)` looks like.

```
.text, #text, p{  
    color:rgb(65, 38, 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(65, 38, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 38, 158) }
```

Border

The CSS property to change the border of an element to YUV 59.7530, 48.4358, 4.6016 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(65, 38, 158) }
```


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

```
.border{ border-color:rgb(65, 38, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 38, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 38, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 38, 158);  
box-shadow:4px 4px 4px 4px rgb(65, 38,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 59.7530, 48.4358, 4.6016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 38, 158) }
```

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

```
.background{ background-color: rgb(65, 38,  
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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