

Converting Colors

YUV(48.1610, 63.0246, -8.0342)

Have a look what the booklet for
YUV(48.1610, 63.0246, -8.0342)
contains.

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Color

**YUV(48.1610, 63.0246,
-8.0342)**

Conversions

Conversions Part 1

Format	Color
Hex	271CB0
RGB	39, 28, 176
RGB Percent	15%, 11%, 69%
CMY	0.8471, 0.8902, 0.3098
CMYK	0.78, 0.84, 0.00, 0.31
HSL	244°, 73%, 40%
HSV	244°, 84%, 69%
XYZ	9.0884, 4.3964, 41.4439
YIQ	48.1610, -40.9520, 48.3600

Conversions

Conversions Part 2

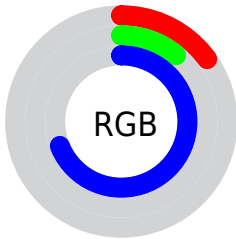
Format	Color
R _Y B	39, 28, 176
Decimal	2563248
CIE Lab	24.94, 52.17, -74.35
CIE LCh	25, 90.832, 305.055
Yxy	4.3964, 0.1655, 0.0800
Android (android.graphics.Color)	4280753328 (0xFF271CB0)
YUV	48.1610, 63.0246, -8.0342
Hunter-Lab	20.9677, 40.6773, -102.5129

Details

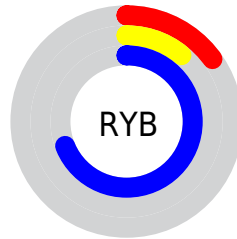
The YUV color **48.1610, 63.0246, -8.0342** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **155.8390, -63.0246, 8.0342**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3520, 63.4235, 4.0763**, and **13.9080, 53.2894, -12.1973** is the 20% darker color. If you saturate the color by 10%, you get **32.8110, 70.5922, -8.6042**, and if you desaturate by 10%, it is **63.5110, 55.4571, -7.4641**.

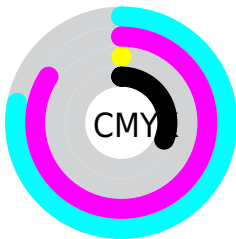
Distribution



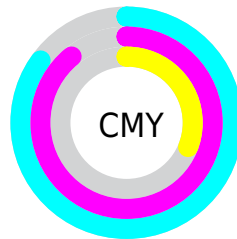
- Red (15%)
- Green (11%)
- Blue (69%)



- Red (15%)
- Yellow (11%)
- Blue (69%)



- Cyan (78%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1610, 63.0246, -8.0342 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 48.1610, 63.0246, -8.0342 by changing the saturation by 10% instead.

■ 48.1610, 63.0246,
-8.0342

■ 48.1610, 63.0246,
-8.0342

■ 255.0000, 0.0000,
0.0000

■ 17.5730, 64.7935,
-15.4115

■ 104.3520, 63.4235,
4.0763

■ 13.9080, 53.2894,
-12.1973

■ 130.8040, 61.2286,
8.0649

■ 10.9440, 41.9326,
-9.5979

■ 155.0360, 49.2823,
13.1234

■ 12.7900, 28.6975,
-11.2168

■ 179.8550, 37.0465,
17.6672

■ 7.8200, 19.8087,
-6.8581

■ 204.9730, 24.6633,
22.8257


■ 3.5510, 11.0674,
-3.1142


■ 228.5850, 13.0226,


■ 0.0000, 0.0000,


23.1660


0.0000


 245.6080, 4.6303,
8.2368


 48.1610, 63.0246,
-8.0342


 48.1610, 63.0246,
-8.0342


 32.8110, 70.5922,
-8.6042


 63.5110, 55.4571,
-7.4641

 23.9510, 74.9602,
-9.6040

 78.5730, 48.0315,
-5.7645

 93.9230, 40.4640,
-5.1945

 108.6860, 33.1858,
-4.1096

 124.0360, 25.6183,
-3.5396

■ 139.6850, 17.9033,
-2.3547

■ 154.4480, 10.6251,
-1.2699

■ 169.7980, 3.0576,
-0.6998

■ 184.8600, -4.3680,
0.9998

Harmonies

Analogous

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



63.6450, 68.7020, -55.8167



48.1610, 63.0246, -8.0342



56.0240, 31.0472, 75.4010

Triad

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



48.1610, 63.0246, -8.0342



49.6580, -24.4814, 59.0589



54.9400, 7.4246, -48.1824

Complementary

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



48.1610, 63.0246, -8.0342



155.8390, -63.0246, 8.0342

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.



45.7860, -22.5725, -40.1543



48.1610, 63.0246, -8.0342



54.6440, -26.9395, 7.3282

Square

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



48.1610, 63.0246, -8.0342



46.0460, -22.7007, 94.6757



43.4380, -21.4149, -38.0951



63.9800, 36.9849, -56.1105

Rectangle

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



48.1610, 63.0246, -8.0342



57.1730, 8.2957, 92.8103



43.4380, -21.4149, -38.0951



52.2040, -3.0586, -45.7829

Sweetspot

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



48.1610, 63.0246, -8.0342



179.8080, 24.7447, -3.3396



125.8780, 24.7101, -85.8390



84.8870, 14.8457, -1.6549



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



48.1610, 63.0246, -8.0342



31.3030, 97.9576, -12.5437



69.9880, 52.2639, 36.8445



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Inverse Universe

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



87.8700, 38.0251, 77.2900



92.9380, 58.6976, 120.2034



134.0120, -52.2639, -36.8445



83.7170, 2.6045, 4.6332



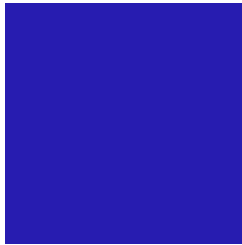
61.9350, 39.4720, 79.8640



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 48.1610, 63.0246, -8.0342 looks on a white background.

Color Contrast Check

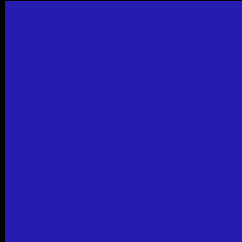
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1610, 63.0246, -8.0342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

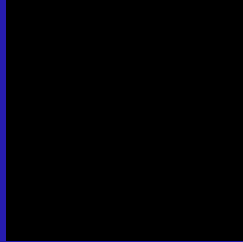
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1610, 63.0246, -8.0342

Background



This preview shows how black text looks on a background with the YUV color 48.1610, 63.0246, -8.0342.



This preview shows how white text looks on a background with the YUV color 48.1610, 63.0246, -8.0342.

-8.0342.

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

48.1610, 63.0246, -8.0342

Protanopia

47.8400, 36.0679, -41.9557

Deuteranopia

48.1360, 27.0480, -42.2153



Tritanopia

46.7220, 11.4761, -40.9752

Trichromacy



Original Color

48.1610, 63.0246, -8.0342

Protanomaly

47.8490, 45.9234, -29.6856

Deuteranomaly

48.3560, 40.2505, -30.1302

Tritanomaly

47.1360, 30.4990, -29.0603

Monochromacy



Original Color

48.1610, 63.0246, -8.0342

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.3520, 22.9975, -2.9397

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1610, 63.0246, -8.0342 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(39, 28, 176)` looks like.

```
.text, #text, p{  
    color:rgb(39, 28, 176)  
}
```

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(39, 28, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 28, 176) }
```

Border

The CSS property to change the border of an element to YUV 48.1610, 63.0246, -8.0342 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(39, 28, 176) }
```


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

```
.border{ border-color:rgb(39, 28, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 28, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(39, 28, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(39, 28, 176); box-shadow:4px 4px 4px 4px rgb(39, 28, 176) }
```

Background

The CSS property to change the background color of an element to YUV 48.1610, 63.0246, -8.0342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 28, 176) }
```

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

```
.background{ background-color: rgb(39, 28,  
176) }
```

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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