

Converting Colors

YUV(48.6550, 50.4561, 9.9496)

Have a look what the booklet for
YUV(48.6550, 50.4561, 9.9496)
contains.

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Color

**YUV(48.6550, 50.4561,
9.9496)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1797
RGB	60, 23, 151
RGB Percent	24%, 9%, 59%
CMY	0.7647, 0.9098, 0.4078
CMYK	0.60, 0.85, 0.00, 0.41
HSL	257°, 74%, 34%
HSV	257°, 85%, 59%
XYZ	7.7558, 3.8078, 29.6044
YIQ	48.6550, -19.0360, 47.6520

Conversions

Conversions Part 2

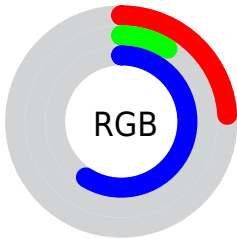
Format	Color
R_{YB}	60, 23, 151
Decimal	3938199
CIE _{Lab}	23.03, 48.66, -62.28
CIE _{LCh}	23, 79.034, 307.998
Yxy	3.8078, 0.1884, 0.0925
Android (android.graphics.Color)	4282128279 (0xFF3C1797)
YUV	48.6550, 50.4561, 9.9496
Hunter-Lab	19.5136, 36.7969, -76.2900

Details

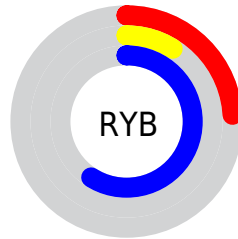
The YUV color **48.6550, 50.4561, 9.9496** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **125.3450, -50.4561, -9.9496**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9160, 51.3134, 14.9827**, and **11.2860, 43.2430, -9.8978** is the 20% darker color. If you saturate the color by 10%, you get **36.5610, 56.4184, 10.9090**, and if you desaturate by 10%, it is **60.7490, 44.4937, 8.9901**.

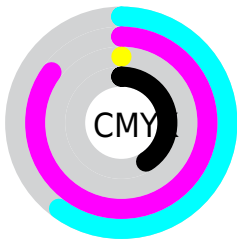
Distribution



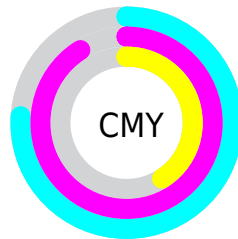
- Red (24%)
- Green (9%)
- Blue (59%)



- Red (24%)
- Yellow (9%)
- Blue (59%)



- Cyan (60%)
- Magenta (85%)
- Yellow (0%)
- Black (41%)



- Cyan (76%)
- Magenta (91%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6550, 50.4561, 9.9496 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 48.6550, 50.4561, 9.9496 by changing the saturation by 10% instead.

■ 48.6550, 50.4561,
9.9496

■ 48.6550, 50.4561,
9.9496

■ 255.0000, 0.0000,
0.0000

■ 21.3120, 50.6252,
2.3574

■ 101.9160, 51.3134,
14.9827

■ 11.2860, 43.2430,
-9.8978

■ 128.5680, 52.4710,
17.0419

■ 8.4360, 32.3231,
-7.3984

■ 154.4820, 49.5554,
18.8713

■ 8.0480, 20.6823,
-7.0581

■ 179.3010, 37.3196,
23.4150

■ 4.3660, 11.6516,
-3.8290

■ 203.8210, 25.2312,
27.3440

■ 0.0000, 0.0000,
0.0000

■ 226.2370, 14.1802,

25.2252

243.2600, 5.7878,
10.2960

48.6550, 50.4561,
9.9496

48.6550, 50.4561,
9.9496

36.5610, 56.4184,
10.9090

60.7490, 44.4937,
8.9901

30.3700, 59.4706,
11.9535

72.5440, 38.6788,
7.4159

84.6380, 32.7165,
6.4565

96.7320, 26.7541,
5.4970

108.8260, 20.7918,
4.5376

■ 121.2080, 14.6875,
2.4486

■ 133.3020, 8.7251,
1.4891

■ 145.3960, 2.7628,
0.5297

■ 157.4900, -3.1996,
-0.4297

Harmonies

Analogous

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



55.9850, 59.6604, -49.0988



48.6550, 50.4561, 9.9496



50.6830, 24.8063, 70.4380

Triad

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



48.6550, 50.4561, 9.9496



49.2820, -24.2960, 46.2337



51.4180, 9.1609, -45.0936

Complementary

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



48.6550, 50.4561, 9.9496



125.3450, -50.4561, -9.9496

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.



42.2640, -20.8362, -37.0655



48.6550, 50.4561, 9.9496



50.1920, -24.7447, 3.3396

Square

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



48.6550, 50.4561, 9.9496



40.3650, -19.8999, 82.9949



40.5030, -19.9680, -35.5211



59.2040, 33.9164, -51.9219

Rectangle

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



48.6550, 50.4561, 9.9496



51.0210, 5.4126, 84.1736



40.5030, -19.9680, -35.5211



49.0240, -0.0118, -42.9940

Sweetspot

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



48.6550, 50.4561, 9.9496



156.7720, 19.3394, 3.7080



91.5960, 29.2862, -60.1587



75.6980, 11.4879, 2.0189



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



48.6550, 50.4561, 9.9496



39.3870, 77.2102, 15.4466



67.4920, 41.1694, 48.6805



70.5100, 3.1996, 0.4297



28.2190, 55.1080, 11.2089



2.6780, 5.0887, 1.1594

Inverse Universe

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



71.6460, 20.8805, 69.5935



74.5640, 32.2599, 106.4994



106.5080, -41.1694, -48.6805



71.9620, 1.0047, 4.4183



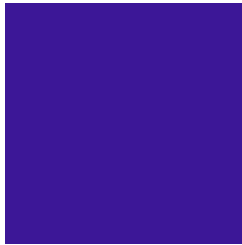
53.2600, 23.0428, 76.0710



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 48.6550, 50.4561, 9.9496 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 48.6550, 50.4561, 9.9496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

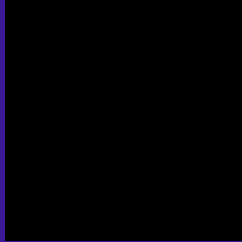
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.6550, 50.4561, 9.9496

Background



This preview shows how black text looks on a background with the YUV color 48.6550, 50.4561, 9.9496.



This preview shows how white text looks on a background with the YUV color 48.6550, 50.4561,

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

48.6550, 50.4561, 9.9496

Protanopia

44.6940, 34.1679, -39.1966

Deuteranopia

45.1040, 25.5847, -39.5562



Tritanopia

48.7130, 8.5225, -26.9353

Trichromacy



Original Color

48.6550, 50.4561, 9.9496

Protanomaly

46.2970, 39.7866, -21.3085

Deuteranomaly

46.3310, 34.8398, -21.3383

Tritanomaly

48.5140, 23.9036, -13.6058

Monochromacy



Original Color

48.6550, 50.4561, 9.9496

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

49.1310, 18.1764, 3.3931

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6550, 50.4561, 9.9496 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(60, 23, 151)` looks like.

```
.text, #text, p{  
    color:rgb(60, 23, 151)  
}
```

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(60, 23, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 23, 151) }
```

Border

The CSS property to change the border of an element to YUV 48.6550, 50.4561, 9.9496 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(60, 23, 151) }
```


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

```
.border{ border-color:rgb(60, 23, 151) }
```

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

Here you see how a box with a 4 pixel rgb(60, 23, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 23, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 23, 151);  
box-shadow:4px 4px 4px 4px rgb(60, 23,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 48.6550, 50.4561, 9.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 23, 151) }
```

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

```
.background{ background-color: rgb(60, 23,  
151) }
```

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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