

Converting Colors

YUV(45.8150, 44.4612, 19.4562)

Have a look what the booklet for
YUV(45.8150, 44.4612, 19.4562)
contains.

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Color

**YUV(45.8150, 44.4612,
19.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	441188
RGB	68, 17, 136
RGB Percent	27%, 7%, 53%
CMY	0.7333, 0.9333, 0.4667
CMYK	0.50, 0.88, 0.00, 0.47
HSL	266°, 78%, 30%
HSV	266°, 88%, 53%
XYZ	7.0283, 3.4074, 23.5798
YIQ	45.8150, -7.8030, 47.8210

Conversions

Conversions Part 2

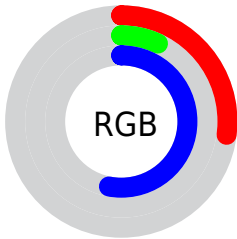
Format	Color
R_{YB}	68, 17, 136
Decimal	4460936
CIE _{Lab}	21.61, 47.77, -55.26
CIE _{LCh}	22, 73.047, 310.838
Yxy	3.4074, 0.2066, 0.1002
Android (android.graphics.Color)	4282651016 (0xFF441188)
YUV	45.8150, 44.4612, 19.4562
Hunter-Lab	18.4592, 35.6598, -62.8158

Details

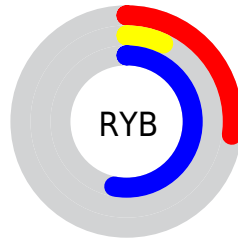
The YUV color **45.8150, 44.4612, 19.4562** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **107.1850, -44.4612, -19.4562**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.2390, 44.7452, 21.7154**, and **10.8860, 36.5382, -6.0390** is the 20% darker color. If you saturate the color by 10%, you get **35.2050, 49.6919, 21.7452**, and if you desaturate by 10%, it is **56.4250, 39.2305, 17.1673**.

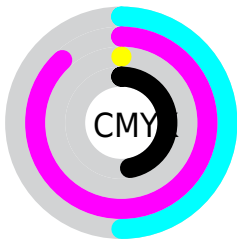
Distribution



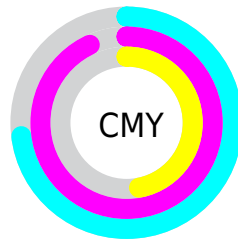
- Red (27%)
- Green (7%)
- Blue (53%)



- Red (27%)
- Yellow (7%)
- Blue (53%)



- Cyan (50%)
- Magenta (88%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (93%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8150, 44.4612, 19.4562 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 45.8150, 44.4612, 19.4562 by changing the saturation by 10% instead.

■ 45.8150, 44.4612,
19.4562

■ 45.8150, 44.4612,
19.4562

■ 255.0000, 0.0000,
0.0000

■ 23.9020, 42.4463,
12.3639

■ 99.2390, 44.7452,
21.7154

■ 10.8860, 36.5382,
-6.0390

■ 125.5920, 46.0501,
23.1598

■ 6.9540, 26.6447,
-6.0987

■ 152.5320, 47.0657,
24.0894

■ 5.5060, 16.0195,
-4.8288

■ 177.8500, 38.0350,
27.3186


■ 2.2970, 6.2626,
-2.0145


■ 202.6690, 25.7992,
31.8623


■ 0.0000, 0.0000,
0.0000


■ 223.8890, 15.3377,


27.2843


 240.3250, 7.2348,
12.8700


 45.8150, 44.4612,
19.4562

 45.8150, 44.4612,
19.4562


 35.2050, 49.6919,
21.7452


 56.4250, 39.2305,
17.1673

 32.8460, 50.8549,
22.0601

 66.4480, 34.2891,
15.3931

 76.7590, 29.2058,
12.4894

 86.7820, 24.2645,
10.7152

 97.3920, 19.0337,
8.4262

■ 108.0020, 13.8030,
6.1372

■ 117.7260, 9.0091,
3.7483

■ 128.3360, 3.7784,
1.4593

■ 138.3590, -1.1630,
-0.3148

Harmonies

Analogous

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



50.7530, 54.8448, -44.5104



45.8150, 44.4612, 19.4562



47.5210, 20.4491, 67.9491

Triad

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



45.8150, 44.4612, 19.4562



48.0530, -23.6901, 38.5415



49.1840, 10.7553, -43.1344

Complementary

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



45.8150, 44.4612, 19.4562



107.1850, -44.4612, -19.4562

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.



41.0560, -15.3106, -36.0061



45.8150, 44.4612, 19.4562



46.9250, -23.1340, 0.0658

Square

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



45.8150, 44.4612, 19.4562



37.0760, -18.2785, 76.2323



38.1550, -18.8104, -33.4619



55.6990, 33.1794, -48.8480

Rectangle

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



45.8150, 44.4612, 19.4562



47.0050, 2.9555, 78.9256



38.1550, -18.8104, -33.4619



47.0180, 2.4561, -41.2348

Sweetspot

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



45.8150, 44.4612, 19.4562



141.2240, 17.1446, 7.6966



71.0690, 32.0110, -47.4185



68.3670, 10.1721, 4.0631



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



45.8150, 44.4612, 19.4562



42.4890, 65.8209, 28.5121



63.1570, 35.9116, 55.1133



63.6950, 2.6154, 1.1445



32.2050, 49.6919, 21.7452



1.1680, 1.8892, 0.7297

Inverse Universe

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



60.3330, 12.1608, 66.3600



64.1380, 18.1730, 98.1030



89.8430, -35.9116, -55.1133



64.5490, 0.7153, 3.9035



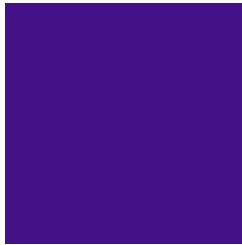
48.4310, 13.5915, 74.1670



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 45.8150, 44.4612, 19.4562 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 45.8150, 44.4612, 19.4562 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 45.8150, 44.4612, 19.4562

Background



This preview shows how black text looks on a background with the YUV color 45.8150, 44.4612, 19.4562.



This preview shows how white text looks on a background with the YUV color 45.8150, 44.4612,

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

45.8150, 44.4612, 19.4562

Protanopia

42.8360, 32.1259, -37.5672

Tritanopia

52.7650, 3.0739, -5.9329

Trichromacy



Original Color

45.8150, 44.4612, 19.4562

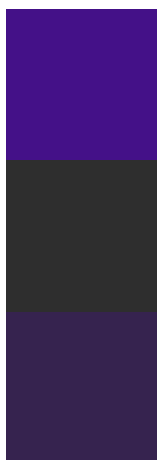
Protanomaly

43.8200, 36.5707, -16.5051

Tritanomaly

50.1310, 18.1764, 3.3931

Monochromacy



Original Color

45.8150, 44.4612, 19.4562

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.6970, 16.4184, 7.2817

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8150, 44.4612, 19.4562 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(68, 17, 136)` looks like.

```
.text, #text, p{  
    color:rgb(68, 17, 136)  
}
```

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(68, 17, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 17, 136) }
```

Border

The CSS property to change the border of an element to YUV 45.8150, 44.4612, 19.4562 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(68, 17, 136) }
```

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

```
.border{ border-color:rgb(68, 17, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 17, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 17, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 17, 136);  
box-shadow:4px 4px 4px 4px rgb(68, 17,  
136) }
```


Background

The CSS property to change the background color of an element to YUV 45.8150, 44.4612, 19.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 17, 136) }
```

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

```
.background{ background-color: rgb(68, 17,  
136) }
```

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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