

Converting Colors

YUV(50.6480, 94.8295, 10.8327)

Have a look what the booklet for
YUV(50.6480, 94.8295, 10.8327)
contains.

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Color

**YUV(50.6480, 94.8295,
10.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	3F07F3
RGB	63, 7, 243
RGB Percent	25%, 3%, 95%
CMY	0.7529, 0.9725, 0.0471
CMYK	0.74, 0.97, 0.00, 0.05
HSL	254°, 94%, 49%
HSV	254°, 97%, 95%
XYZ	18.3035, 7.6798, 85.3117
YIQ	50.6480, -42.3800, 85.2680

Conversions

Conversions Part 2

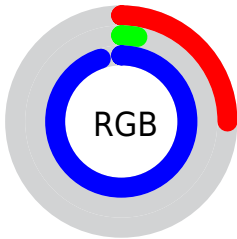
Format	Color
RYB	63, 7, 243
Decimal	4130803
CIELab	33.31, 76.21, -99.37
CIElCh	33, 125.226, 307.485
Yxy	7.6798, 0.1645, 0.0690
Android (android.graphics.Color)	4282320883 (0xFF3F07F3)
YUV	50.6480, 94.8295, 10.8327
Hunter-Lab	27.7124, 69.3992, -163.1234

Details

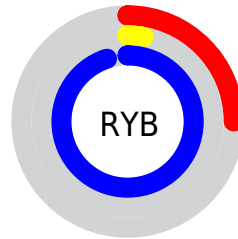
The YUV color **50.6480, 94.8295, 10.8327** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **199.3520, -94.8295, -10.8327**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6560, 69.1896, 21.3497**, and **21.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **45.0440, 97.5923, 11.3624**, and if you desaturate by 10%, it is **70.4170, 85.0834, 10.1583**.

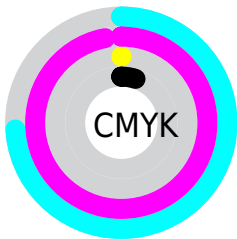
Distribution



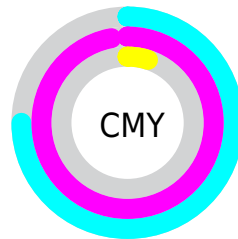
- Red (25%)
- Green (3%)
- Blue (95%)



- Red (25%)
- Yellow (3%)
- Blue (95%)



- Cyan (74%)
- Magenta (97%)
- Yellow (0%)
- Black (5%)



- Cyan (75%)
- Magenta (97%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.6480, 94.8295, 10.8327 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 50.6480, 94.8295, 10.8327 by changing the saturation by 10% instead.

■ 50.6480, 94.8295,
10.8327

■ 50.6480, 94.8295,
10.8327

■ 255.0000, 0.0000,
0.0000

■ 24.3960, 93.4748,
-21.3953

■ 114.6560, 69.1896,
21.3497

■ 21.0900, 80.8076,
-18.4959

■ 141.2580, 56.0748,
27.8377

■ 17.8980, 68.5773,
-15.6965

■ 167.2620, 43.2548,
33.0962

■ 14.8200, 56.7837,
-12.9971

■ 192.6790, 30.7243,
38.8695

■ 19.9600, 40.9387,
-17.5049

■ 215.0840, 19.6786,
35.0063


■ 14.7620, 31.1763,
-12.9463


■ 232.1070, 11.2862,


■ 9.0910, 22.1401,


20.0772


-7.9728


 249.1300, 2.8939,
5.1480


 4.8220, 13.3988,
-4.2289


 0.4560, 1.7472,
-0.3999


 50.6480, 94.8295,
10.8327


 50.6480, 94.8295,
10.8327

 45.0440, 97.5923,
11.3624

 70.4170, 85.0834,
10.1583

 90.4740, 75.1953,
8.3543

 110.2430, 65.4492,
7.6799

 129.7130, 55.8505,
6.3907

■ 149.4820, 46.1044,
5.7163

■ 169.5390, 36.2163,
3.9123

■ 189.3080, 26.4702,
3.2379

■ 208.7780, 16.8714,
1.9487

■ 229.1340, 6.8359,
0.7595

Harmonies

Analogous

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



83.0740, 84.7595, -72.8559



50.6480, 94.8295, 10.8327



78.2960, 38.8011, 108.4884

Triad

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



50.6480, 94.8295, 10.8327



63.9440, -31.5244, 78.1021



73.9640, 14.3147, -64.8664

Complementary

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



50.6480, 94.8295, 10.8327



199.3520, -94.8295, -10.8327

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.



61.0480, -30.0967, -53.5391



50.6480, 94.8295, 10.8327



71.4340, -35.2170, 2.2504

Square

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



50.6480, 94.8295, 10.8327



62.1920, -30.6607, 127.8736



58.1130, -28.6497, -50.9651



87.5980, 56.4002, -76.8234

Rectangle

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



50.6480, 94.8295, 10.8327



78.9590, 6.4292, 131.5860



58.1130, -28.6497, -50.9651



69.2730, -1.1206, -60.7524

Sweetspot

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



50.6480, 94.8295, 10.8327



194.8180, 29.6697, 3.6676



140.1510, 50.7046, -116.7734



91.1200, 18.1818, 1.6488



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



50.6480, 94.8295, 10.8327



47.3090, 102.3917, 12.0070



85.6310, 77.5829, 82.7616



112.2650, 4.7994, 0.6446



34.3600, 74.7585, 8.4543



10.9120, 23.7074, 2.7082

Inverse Universe

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



98.0840, 43.8356, 127.0913



98.3610, 47.1500, 137.3724



164.3690, -77.5829, -82.7616



114.6140, 2.1623, 6.4775



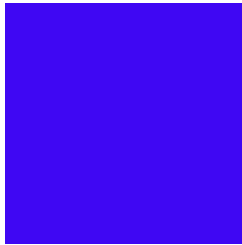
71.8020, 34.6076, 100.1516



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 50.6480, 94.8295, 10.8327 looks on a white background.

Color Contrast Check

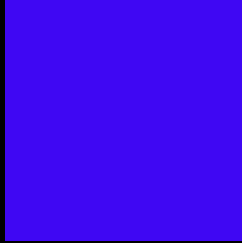
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.6480, 94.8295, 10.8327 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 50.6480, 94.8295, 10.8327

Background



This preview shows how black text looks on a background with the YUV color 50.6480, 94.8295, 10.8327.



This preview shows how white text looks on a background with the YUV color 50.6480, 94.8295,

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

50.6480, 94.8295, 10.8327

Protanopia

62.7380, 47.4572, -55.0212

Deuteranopia

62.9370, 35.5271, -55.1957



Tritanopia

61.5570, 15.0084, -53.9855

Trichromacy



Original Color

50.6480, 94.8295, 10.8327

Protanomaly

58.4740, 64.8423, -31.1107

Deuteranomaly

58.4110, 56.9854, -31.0554

Tritanomaly

57.6810, 44.0343, -30.4152

Monochromacy



Original Color

50.6480, 94.8295, 10.8327

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.7840, 34.6165, 3.6974

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.6480, 94.8295, 10.8327 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(63, 7, 243)` looks like.

```
.text, #text, p{  
    color:rgb(63, 7, 243)  
}
```

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(63, 7, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 7, 243) }
```

Border

The CSS property to change the border of an element to YUV 50.6480, 94.8295, 10.8327 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(63, 7, 243) }
```


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

```
.border{ border-color:rgb(63, 7, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 7, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 7, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 7, 243);  
box-shadow:4px 4px 4px 4px rgb(63, 7, 243)  
}
```

Background

The CSS property to change the background color of an element to YUV 50.6480, 94.8295, 10.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 7, 243) }
```

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

```
.background{ background-color: rgb(63, 7,  
243) }
```

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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