

Converting Colors

YUV(50.8080, 24.7447, -3.3396)

Have a look what the booklet for
YUV(50.8080, 24.7447, -3.3396)
contains.

| | |
|--|----|
| YUV(50.8080, 24.7447, -3.3396) | 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(50.8080, 24.7447,
-3.3396)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2F2B65 |
| RGB | 47, 43, 101 |
| RGB Percent | 18%, 17%, 40% |
| CMY | 0.8157, 0.8314, 0.6039 |
| CMYK | 0.53, 0.57, 0.00, 0.60 |
| HSL | 244°, 40%, 28% |
| HSV | 244°, 57%, 40% |
| XYZ | 4.3851, 3.2717, 12.7123 |
| YIQ | 50.8080, -16.2340, 18.8860 |

Conversions

Conversions Part 2

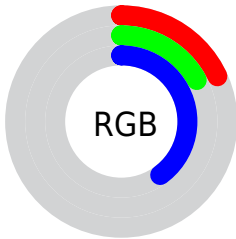
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 43, 101 |
| Decimal | 3091301 |
| CIE _{Lab} | 21.10, 19.41, -33.78 |
| CIE _{LCh} | 21, 38.964, 299.883 |
| Yxy | 3.2717, 0.2153, 0.1606 |
| Android (android.graphics.Color) | 4281281381 (0xFF2F2B65) |
| YUV | 50.8080, 24.7447, -3.3396 |
| Hunter-Lab | 18.0878, 11.6212, -29.0082 |

Details

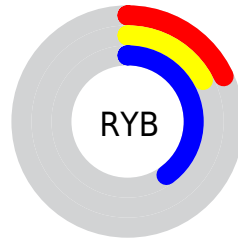
The YUV color **50.8080, 24.7447, -3.3396** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **93.1920, -24.7447, 3.3396**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8730, 26.1916, -0.7656**, and **6.1560, 23.5871, -5.3988** is the 20% darker color. If you saturate the color by 10%, you get **42.2470, 28.9652, -3.7246**, and if you desaturate by 10%, it is **59.3690, 20.5241, -2.9546**.

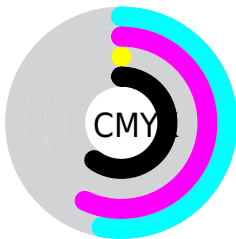
Distribution



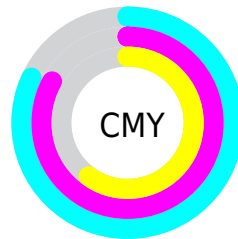
- Red (18%)
- Green (17%)
- Blue (40%)



- Red (18%)
- Yellow (17%)
- Blue (40%)



- Cyan (53%)
- Magenta (57%)
- Yellow (0%)
- Black (60%)



- Cyan (82%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.8080, 24.7447, -3.3396 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 50.8080, 24.7447, -3.3396 by changing the saturation by 10% instead.

■ 50.8080, 24.7447,
-3.3396

■ 50.8080, 24.7447,
-3.3396

■ 255.0000, 0.0000,
0.0000

■ 27.9710, 24.1713,
-6.1136

■ 98.8730, 26.1916,
-0.7656

■ 6.1560, 23.5871,
-5.3988

■ 123.8130, 27.2072,
0.1640

■ 4.7080, 12.9620,
-4.1289

■ 150.0410, 28.0808,
-0.0360

■ 0.3420, 1.3104,
-0.2999

■ 176.9810, 29.0964,
0.8937

■ 0.0000, 0.0000,
0.0000

■ 203.3680, 25.4546,
2.3083

■ 228.1760, 13.2242,

5.1076

250.8910, 2.0257,
3.6036

50.8080, 24.7447,
-3.3396

50.8080, 24.7447,
-3.3396

42.2470, 28.9652,
-3.7246

59.3690, 20.5241,
-2.9546

33.3870, 33.3332,
-4.7244

68.2290, 16.1561,
-1.9548

24.8260, 37.5538,
-5.1094

76.7900, 11.9355,
-1.5698

15.9660, 41.9218,
-6.1092

85.6500, 7.5676,
-0.5700

13.6070, 43.0847,
-5.7943

94.7980, 3.0576,
-0.6998

■ 103.3590, -1.1630,
-0.3148

■ 112.2190, -5.5310,
0.6849

■ 120.7800, -9.7515,
1.0699

■ 129.6400,
-14.1195, 2.0697

Harmonies

Analogous

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



44.1240, 31.9839, -38.6967



50.8080, 24.7447, -3.3396



50.0850, 14.7481, 29.7435

Triad

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



50.8080, 24.7447, -3.3396



47.1340, -23.2371, 33.2085



42.6810, 3.6083, -37.4312

Complementary

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



50.8080, 24.7447, -3.3396



93.1920, -24.7447, 3.3396

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.



38.0870, -8.9169, -33.4023



50.8080, 24.7447, -3.3396



47.8990, -23.6142, 14.1206

Square

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



50.8080, 24.7447, -3.3396



45.5390, -10.6187, 46.0083



43.9240, -21.6545, -7.8263



45.9870, 16.2754, -40.3306

Rectangle

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



50.8080, 24.7447, -3.3396



46.3380, 7.7214, 43.5536



43.9240, -21.6545, -7.8263



41.5410, -0.7597, -36.4315

Sweetspot

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



50.8080, 24.7447, -3.3396



110.8070, 9.4621, -1.5847



81.3100, 9.7072, -33.5979



54.7810, 5.5310, -0.6849



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



50.8080, 24.7447, -3.3396



52.3530, 38.2800, -4.6946



59.4790, 20.4699, 14.4889



46.5700, 2.1840, -0.4999



15.5020, 49.0525, -6.5793



32.6710, 103.1992, -13.7435

Inverse Universe

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



66.4980, 15.0375, 30.2583



76.4860, 23.4244, 46.9318



84.5210, -20.4699, -14.4889



48.0650, 1.4470, 2.5740



46.5830, 29.7856, 60.0017



98.1220, 63.0439, 126.1810

Previews

White Background



This preview shows how the YUV color 50.8080, 24.7447, -3.3396 looks on a white background.

Color Contrast Check

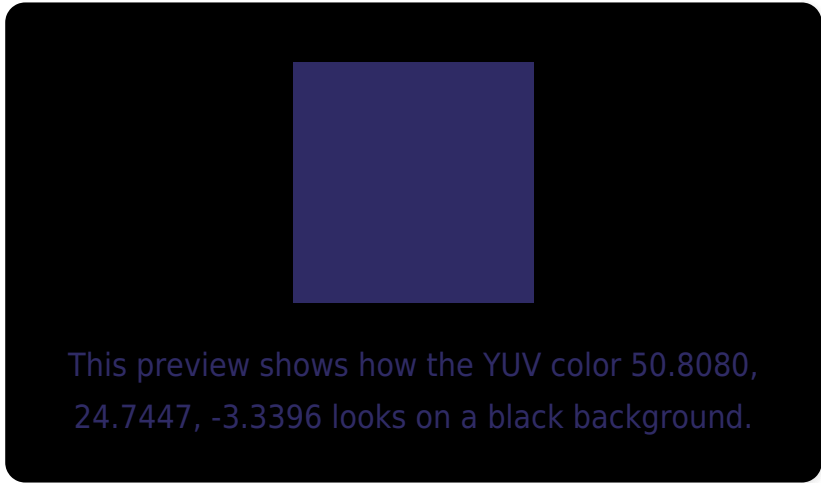
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

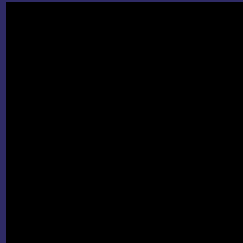
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.8080, 24.7447, -3.3396

Background



This preview shows how black text looks on a background with the YUV color 50.8080, 24.7447, -3.3396.



This preview shows how white text looks on a background with the YUV color 50.8080, 24.7447,

-3.3396.

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

50.8080, 24.7447, -3.3396

Protanopia

40.6190, 31.2468, -35.6229

Deuteranopia

40.8980, 24.7003, -35.8675



Tritanopia

48.2910, 5.2795, -13.4102

Trichromacy



Original Color

50.8080, 24.7447, -3.3396

Protanomaly

44.4140, 28.8829, -24.0421

Deuteranomaly

44.6760, 24.8097, -24.2719

Tritanomaly

49.1480, 12.2520, -9.7768

Monochromacy



Original Color

50.8080, 24.7447, -3.3396

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.8080, 24.7447, -3.3396 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(47, 43, 101)` looks like.

```
.text, #text, p{  
    color:rgb(47, 43, 101)  
}
```

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(47, 43, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 43, 101) }
```

Border

The CSS property to change the border of an element to YUV 50.8080, 24.7447, -3.3396 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(47, 43, 101) }
```


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

```
.border{ border-color:rgb(47, 43, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 43, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 43, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 43, 101);  
box-shadow:4px 4px 4px 4px rgb(47, 43,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 50.8080, 24.7447, -3.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 43, 101) }
```

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

```
.background{ background-color: rgb(47, 43,  
101) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor