

Converting Colors

YUV(47.8080, 4.5317, -6.8476)

Have a look what the booklet for
YUV(47.8080, 4.5317, -6.8476)
contains.

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Color

**YUV(47.8080, 4.5317,
-6.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	283239
RGB	40, 50, 57
RGB Percent	16%, 20%, 22%
CMY	0.8431, 0.8039, 0.7765
CMYK	0.30, 0.12, 0.00, 0.78
HSL	205°, 18%, 19%
HSV	205°, 30%, 22%
XYZ	2.7542, 3.0277, 4.3101
YIQ	47.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

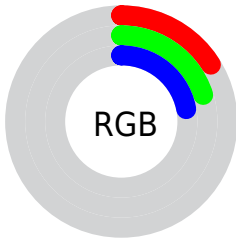
Format	Color
R_{YB}	40, 46, 57
Decimal	2634297
CIE _{Lab}	20.15, -2.26, -5.83
CIE _{LCh}	20, 6.250, 248.770
Yxy	3.0277, 0.2729, 0.3000
Android (android.graphics.Color)	4280824377 (0xFF283239)
YUV	47.8080, 4.5317, -6.8476
Hunter-Lab	17.4004, -2.1970, -2.5061

Details

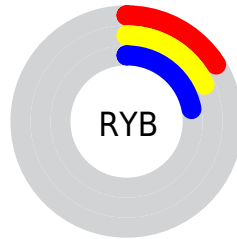
The YUV color **47.8080, 4.5317, -6.8476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.1920, -4.5317, 6.8476**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6230, 5.1159, -7.5624**, and **2.7700, 5.5364, -2.4293** is the 20% darker color. If you saturate the color by 10%, you get **44.8400, 5.9949, -9.5067**, and if you desaturate by 10%, it is **50.7760, 3.0684, -4.1886**.

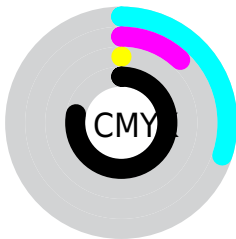
Distribution



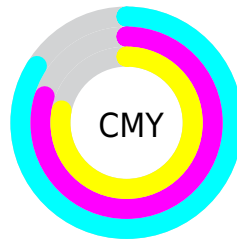
- Red (16%)
- Green (20%)
- Blue (22%)



- Red (16%)
- Yellow (18%)
- Blue (22%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.8080, 4.5317, -6.8476 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 47.8080, 4.5317, -6.8476 by changing the saturation by 10% instead.

■ 47.8080, 4.5317,
-6.8476

■ 47.8080, 4.5317,
-6.8476

255.0000, 0.0000,
0.0000

■ 26.8080, 4.5317,
-6.8476

■ 93.6230, 5.1159,
-7.5624

■ 2.7700, 5.5364,
-2.4293

■ 118.6230, 5.1159,
-7.5624

■ 0.0000, 0.0000,
0.0000

■ 144.3240, 5.2633,
-8.1771

■ 170.7370, 5.5527,
-7.6623

■ 198.3240, 5.2633,
-8.1771

■ 226.4380, 5.7001,

-8.2771

252.0100, 1.4741,
-6.1478

47.8080, 4.5317,
-6.8476

47.8080, 4.5317,
-6.8476

44.8400, 5.9949,
-9.5067

50.7760, 3.0684,
-4.1886

41.5840, 7.6001,
-11.0362

54.0320, 1.4632,
-2.6591

38.6160, 9.0633,
-13.6952

57.0000, 0.0000,
0.0000

35.6480, 10.5265,
-16.3543

59.9680, -1.4632,
2.6591

32.3920, 12.1317,
-17.8838

63.5230, -3.2158,
4.8033

■ 29.4240, 13.5950,
-20.5428

■ 66.1920, -4.5317,
6.8476

■ 26.4560, 15.0582,
-23.2019

■ 69.1600, -5.9949,
9.5067

■ 72.7150, -7.7475,
11.6509

■ 75.3840, -9.0633,
13.6952

Harmonies

Analogous

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



47.1560, 3.3741, -8.9068



47.8080, 4.5317, -6.8476



48.8300, 4.5208, -3.3589

Triad

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



47.8080, 4.5317, -6.8476



49.1150, -1.0427, 7.7921



47.7780, -3.3416, -1.5593

Complementary

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



47.8080, 4.5317, -6.8476



49.1920, -4.5317, 6.8476

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.



48.5720, -4.2260, 2.1294



47.8080, 4.5317, -6.8476



49.2460, -3.0793, 7.6773

Square

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



47.8080, 4.5317, -6.8476



49.6740, 1.1467, 5.5479



48.5940, -4.2368, 5.6181



47.3260, -1.1467, -5.5479

Rectangle

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



47.8080, 4.5317, -6.8476



49.3250, 3.7838, -0.2850



48.5940, -4.2368, 5.6181



48.0770, -3.4890, -0.9445

Sweetspot

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



47.8080, 4.5317, -6.8476



70.1460, 1.9000, -2.7590



50.7770, -1.8621, -9.4514



36.2170, 0.8790, -1.9443



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



47.8080, 4.5317, -6.8476



59.4700, 7.1633, -10.9362



43.1120, 6.8468, -2.7292



26.5160, 0.7316, -1.3295



42.1860, 24.5583, -36.9971



100.6890, 58.3273, -88.3043

Inverse Universe

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



46.2230, 1.8621, 9.4514



56.8970, 3.0088, 14.9993



53.8880, -6.8468, 2.7292



26.1250, 0.4314, 1.6444



33.6640, 10.0256, 51.1607



80.1870, 24.0648, 121.7390

Previews

White Background



This preview shows how the YUV color 47.8080, 4.5317, -6.8476 looks on a white background.

Color Contrast Check

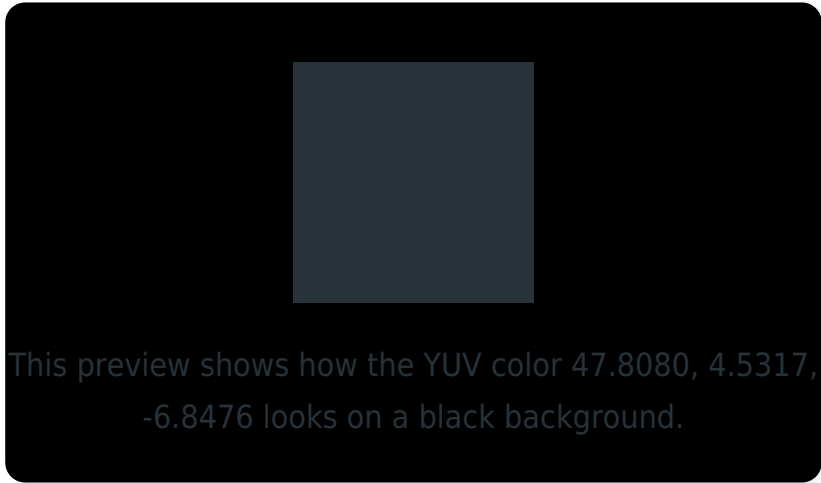
Large Text (above 18pt) WCAG AA ✓ Pass

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

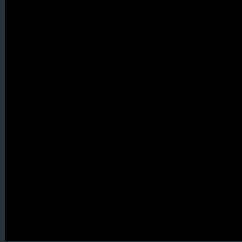
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.8080, 4.5317, -6.8476

Background



This preview shows how black text looks on a background with the YUV color 47.8080, 4.5317, -6.8476.



This preview shows how white text looks on a background with the YUV color 47.8080, 4.5317, -6.8476.

-6.8476.

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

47.8080, 4.5317, -6.8476

Protanopia

48.6130, 3.6418, -1.4146

Deuteranopia

48.8520, 4.5100, 0.1298



Tritanopia

47.1670, 3.3687, -7.1625

Trichromacy



Original Color

47.8080, 4.5317, -6.8476

Protanomaly

48.3030, 3.7946, -3.7737

Deuteranomaly

48.5420, 4.6628, -2.2293

Tritanomaly

47.2810, 3.8055, -7.2624

Monochromacy



Original Color

47.8080, 4.5317, -6.8476

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.8080, 4.5317, -6.8476 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(40, 50, 57)` looks like.

```
.text, #text, p{  
    color:rgb(40, 50, 57)  
}
```

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(40, 50, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 50, 57) }
```

Border

The CSS property to change the border of an element to YUV 47.8080, 4.5317, -6.8476 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(40, 50, 57) }
```


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

```
.border{ border-color:rgb(40, 50, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 50, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 50, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 50, 57);  
box-shadow:4px 4px 4px 4px rgb(40, 50, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.8080, 4.5317, -6.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 50, 57) }
```

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

```
.background{ background-color: rgb(40, 50,  
57) }
```

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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