

Converting Colors

YUV(46.8080, 4.5317, -6.8476)

Have a look what the booklet for
YUV(46.8080, 4.5317, -6.8476)
contains.

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Color

**YUV(46.8080, 4.5317,
-6.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	273138
RGB	39, 49, 56
RGB Percent	15%, 19%, 22%
CMY	0.8471, 0.8078, 0.7804
CMYK	0.30, 0.13, 0.00, 0.78
HSL	205°, 18%, 19%
HSV	205°, 30%, 22%
XYZ	2.6488, 2.9135, 4.1641
YIQ	46.8080, -8.2070, 0.0570

Conversions

Conversions Part 2

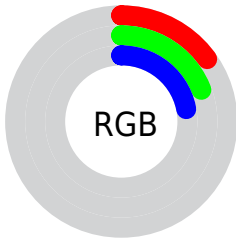
Format	Color
R_{YB}	39, 45, 56
Decimal	2568504
CIE _{Lab}	19.69, -2.26, -5.84
CIE _{LCh}	20, 6.264, 248.832
Yxy	2.9135, 0.2723, 0.2995
Android (android.graphics.Color)	4280758584 (0xFF273138)
YUV	46.8080, 4.5317, -6.8476
Hunter-Lab	17.0689, -2.1703, -2.5161

Details

The YUV color **46.8080, 4.5317, -6.8476** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.1920, -4.5317, 6.8476**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.6230, 5.1159, -7.5624**, and **2.0690, 5.3890, -1.8145** is the 20% darker color. If you saturate the color by 10%, you get **43.8400, 5.9949, -9.5067**, and if you desaturate by 10%, it is **49.7760, 3.0684, -4.1886**.

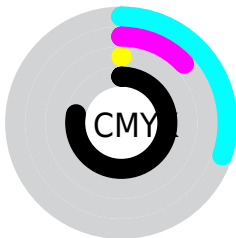
Distribution



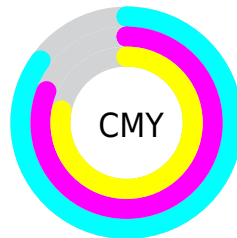
- Red (15%)
- Green (19%)
- Blue (22%)



- Red (15%)
- Yellow (18%)
- Blue (22%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (78%)



- Cyan (85%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8080, 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 46.8080, 4.5317, -6.8476 by changing the saturation by 10% instead.

■ 46.8080, 4.5317,
-6.8476

■ 46.8080, 4.5317,
-6.8476

255.0000, 0.0000,
0.0000

■ 25.8080, 4.5317,
-6.8476

■ 92.6230, 5.1159,
-7.5624

■ 2.0690, 5.3890,
-1.8145

■ 117.6230, 5.1159,
-7.5624

■ 0.0000, 0.0000,
0.0000

■ 142.7370, 5.5527,
-7.6623

■ 169.4380, 5.7001,
-8.2771

■ 196.4380, 5.7001,
-8.2771

■ 224.4380, 5.7001,

-8.2771

251.7110, 1.6215,
-6.7625

46.8080, 4.5317,
-6.8476

46.8080, 4.5317,
-6.8476

43.8400, 5.9949,
-9.5067

49.7760, 3.0684,
-4.1886

40.5840, 7.6001,
-11.0362

53.0320, 1.4632,
-2.6591

37.6160, 9.0633,
-13.6952

56.0000, 0.0000,
0.0000

34.9470, 10.3791,
-15.7395

58.6690, -1.3158,
2.0443

31.3920, 12.1317,
-17.8838

62.2240, -3.0684,
4.1886

■ 28.4240, 13.5950,
-20.5428

■ 65.1920, -4.5317,
6.8476

■ 25.7550, 14.9108,
-22.5871

■ 67.8610, -5.8475,
8.8919

■ 70.8290, -7.3107,
11.5510

■ 74.0850, -8.9159,
13.0805

Harmonies

Analogous

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



46.1560, 3.3741, -8.9068



46.8080, 4.5317, -6.8476



47.8300, 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.



46.8080, 4.5317, -6.8476



48.1150, -1.0427, 7.7921



46.7780, -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.



46.8080, 4.5317, -6.8476



48.1920, -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.



47.5720, -4.2260, 2.1294



46.8080, 4.5317, -6.8476



48.2460, -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.



46.8080, 4.5317, -6.8476



48.6740, 1.1467, 5.5479



47.5940, -4.2368, 5.6181



46.3260, -1.1467, -5.5479

Rectangle

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



46.8080, 4.5317, -6.8476



48.3250, 3.7838, -0.2850



47.5940, -4.2368, 5.6181



47.0770, -3.4890, -0.9445

Sweetspot

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



46.8080, 4.5317, -6.8476



70.1460, 1.9000, -2.7590



49.7770, -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.



46.8080, 4.5317, -6.8476



59.4700, 7.1633, -10.9362



42.1120, 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.



45.2230, 1.8621, 9.4514



56.8970, 3.0088, 14.9993



52.8880, -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 46.8080, 4.5317, -6.8476 looks on a white background.

Color Contrast Check

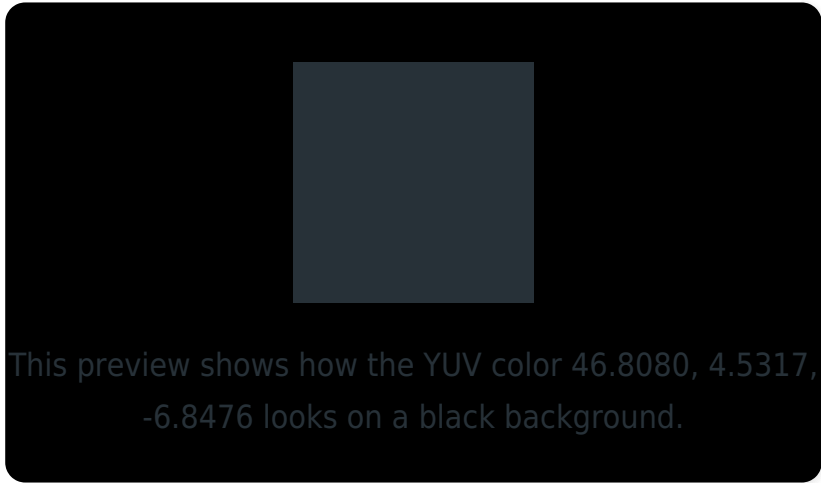
Large Text (above 18pt) WCAG AA ✓ Pass

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

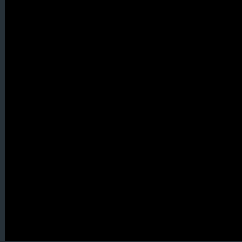
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8080, 4.5317, -6.8476

Background



This preview shows how black text looks on a background with the YUV color 46.8080, 4.5317, -6.8476.



This preview shows how white text looks on a background with the YUV color 46.8080, 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

46.8080, 4.5317, -6.8476

Protanopia

47.6130, 3.6418, -1.4146

Deuteranopia

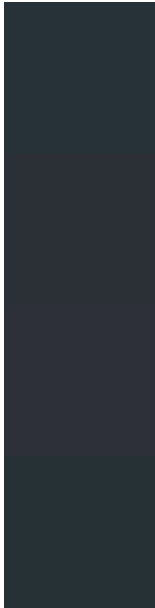
47.8520, 4.5100, 0.1298



Tritanopia

46.1670, 3.3687, -7.1625

Trichromacy



Original Color

46.8080, 4.5317, -6.8476

Protanomaly

47.3030, 3.7946, -3.7737

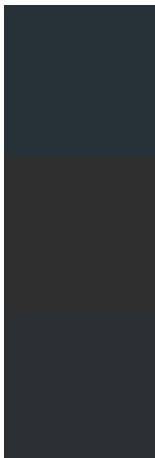
Deuteranomaly

47.5420, 4.6628, -2.2293

Tritanomaly

46.2810, 3.8055, -7.2624

Monochromacy



Original Color

46.8080, 4.5317, -6.8476

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8080, 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(39, 49, 56)` looks like.

```
.text, #text, p{  
    color:rgb(39, 49, 56)  
}
```

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(39, 49, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 49, 56) }
```

Border

The CSS property to change the border of an element to YUV 46.8080, 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(39, 49, 56) }
```


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

```
.border{ border-color:rgb(39, 49, 56) }
```

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

Here you see how a box with a 4 pixel rgb(39, 49, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 49, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 49, 56);  
box-shadow:4px 4px 4px 4px rgb(39, 49, 56)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.8080, 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(39, 49, 56) }
```

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

```
.background{ background-color: rgb(39, 49,  
56) }
```

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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