

Converting Colors

YUV(46.5960, -0.2938, 47.7123)

Have a look what the booklet for
YUV(46.5960, -0.2938, 47.7123)
contains.

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Color

**YUV(46.5960, -0.2938,
47.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	65132E
RGB	101, 19, 46
RGB Percent	40%, 7%, 18%
CMY	0.6039, 0.9255, 0.8196
CMYK	0.00, 0.81, 0.54, 0.60
HSL	340°, 68%, 24%
HSV	340°, 81%, 40%
XYZ	6.0928, 3.4297, 2.9256
YIQ	46.5960, 40.2050, 25.7810

Conversions

Conversions Part 2

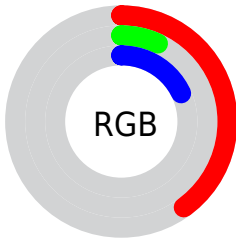
Format	Color
R_{YB}	101, 19, 46
Decimal	6624046
CIE _{Lab}	21.69, 37.66, 5.08
CIE _{LCh}	22, 37.998, 7.679
Yxy	3.4297, 0.4895, 0.2755
Android (android.graphics.Color)	4284814126 (0xFF65132E)
YUV	46.5960, -0.2938, 47.7123
Hunter-Lab	18.5195, 26.3169, 3.5972

Details

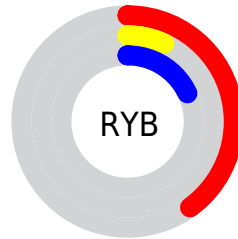
The YUV color **46.5960, -0.2938, 47.7123** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **73.4040, 0.2938, -47.7123**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.8090, -3.3568, 50.1565**, and **15.3630, -7.0810, 31.2536** is the 20% darker color. If you saturate the color by 10%, you get **39.9280, -0.4575, 53.5601**, and if you desaturate by 10%, it is **53.2640, -0.1302, 41.8645**.

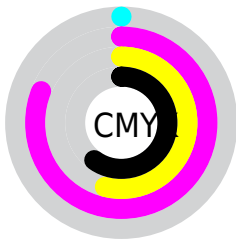
Distribution



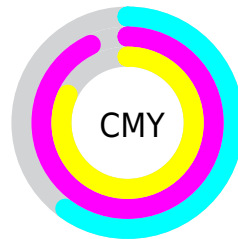
- Red (40%)
- Green (7%)
- Blue (18%)



- Red (40%)
- Yellow (7%)
- Blue (18%)



- Cyan (0%)
- Magenta (81%)
- Yellow (54%)
- Black (60%)



- Cyan (60%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5960, -0.2938, 47.7123 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 46.5960, -0.2938, 47.7123 by changing the saturation by 10% instead.

46.5960, -0.2938,
47.7123

46.5960, -0.2938,
47.7123

255.0000, 0.0000,
0.0000

25.0900, 0.4486,
42.8941

98.8090, -3.3568,
50.1565

15.3630, -7.0810,
31.2536

124.5920, -4.2359,
52.1008

1.4950, -0.7370,
3.0739

151.4890, -4.6781,
53.9451

0.0000, 0.0000,
0.0000

179.2720, -5.5571,
55.8895

201.7870, -3.3460,
46.6678

221.4150, 0.7814,

29.4540

■ 241.1570, 5.3456,
12.1403

■ 46.5960, -0.2938,
47.7123

■ 46.5960, -0.2938,
47.7123

■ 39.9280, -0.4575,
53.5601

■ 53.2640, -0.1302,
41.8645

■ 33.9610, -0.4738,
58.7932

■ 59.9320, 0.0335,
36.0166

■ 66.4860, -0.2396,
30.2688

■ 73.1540, -0.0759,
24.4209

■ 80.4090, -0.2016,
18.0583

■ 87.0770, -0.0380,
12.2105

■ 93.6310, -0.3111,
6.4626

■ 100.2990, -0.1474,
0.6148

■ 106.9670, 0.0163,
-5.2331

Harmonies

Analogous

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



50.6080, 11.5323, 34.5468



46.5960, -0.2938, 47.7123



47.8930, -14.2442, 42.1898

Triad

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



46.5960, -0.2938, 47.7123



43.2930, -21.3434, -14.2890



47.6630, 27.7741, -41.8005

Complementary

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



46.5960, -0.2938, 47.7123



73.4040, 0.2938, -47.7123

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.



47.3720, 19.0436, -41.5452



46.5960, -0.2938, 47.7123



40.2870, -5.5645, -35.3317

Square

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



46.5960, -0.2938, 47.7123



48.7520, -24.0347, 8.9875



44.2940, 7.2501, -38.8458



43.4230, 31.8365, -38.0820

Rectangle

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



46.5960, -0.2938, 47.7123



48.3190, -23.8213, 33.9232



44.2940, 7.2501, -38.8458



47.6800, 25.3008, -41.8154

Sweetspot

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



46.5960, -0.2938, 47.7123



109.4090, -0.2016, 18.0583



44.7930, 27.7101, 25.6145



53.3650, -0.1799, 11.0809



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.



46.5960, -0.2938, 47.7123



46.3480, -0.6646, 73.3628



51.7360, -16.1388, 43.2045



47.7230, 0.1366, 2.8739



38.7170, -0.3535, 66.9002



81.4780, -0.7287, 140.7778

Inverse Universe

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



46.5960, -0.2938, 47.7123



46.3480, -0.6646, 73.3628



68.2640, 16.1388, -43.2045



47.7230, 0.1366, 2.8739



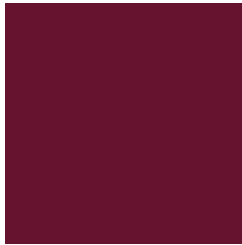
38.7170, -0.3535, 66.9002



81.4780, -0.7287, 140.7778

Previews

White Background



This preview shows how the YUV color 46.5960, -0.2938, 47.7123 looks on a white background.

Color Contrast Check

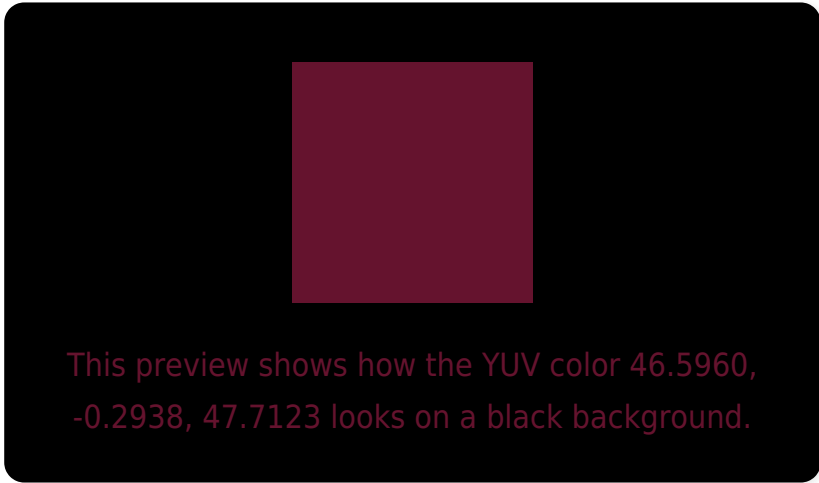
Large Text (above 18pt) WCAG AA ✓ Pass

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

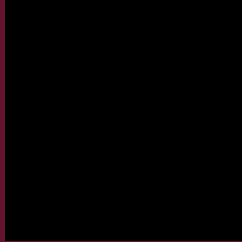
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.5960, -0.2938, 47.7123

Background



This preview shows how black text looks on a background with the YUV color 46.5960, -0.2938, 47.7123.



This preview shows how white text looks on a background with the YUV color 46.5960, -0.2938,

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

46.5960, -0.2938, 47.7123

Protanopia

54.4280, 4.2260, -2.1294

Deuteranopia

54.1490, -5.9895, 7.7623



Tritanopia

47.4250, -11.0555, 46.1083

Trichromacy



Original Color

46.5960, -0.2938, 47.7123

Protanomaly

51.4950, 2.7140, 16.2289

Deuteranomaly

51.4050, -4.1437, 22.4468

Tritanomaly

47.1630, -6.9824, 46.3380

Monochromacy



Original Color

46.5960, -0.2938, 47.7123

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1100, -0.0542, 17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5960, -0.2938, 47.7123 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(101, 19, 46)` looks like.

```
.text, #text, p{  
    color:rgb(101, 19, 46)  
}
```

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(101, 19, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 19, 46) }
```

Border

The CSS property to change the border of an element to YUV 46.5960, -0.2938, 47.7123 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(101, 19, 46) }
```


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

```
.border{ border-color:rgb(101, 19, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 19, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 19, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 19, 46);  
box-shadow:4px 4px 4px 4px rgb(101, 19,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 46.5960, -0.2938, 47.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 19, 46) }
```

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

```
.background{ background-color: rgb(101, 19,  
46) }
```

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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