

Converting Colors

YUV(46.6910, 2.1243, 18.6880)

Have a look what the booklet for
YUV(46.6910, 2.1243, 18.6880)
contains.

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Color

**YUV(46.6910, 2.1243,
18.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	442333
RGB	68, 35, 51
RGB Percent	27%, 14%, 20%
CMY	0.7333, 0.8627, 0.8000
CMYK	0.00, 0.49, 0.25, 0.73
HSL	331°, 32%, 20%
HSV	331°, 49%, 27%
XYZ	3.5825, 2.6700, 3.4585
YIQ	46.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

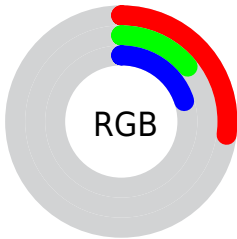
Format	Color
RYB	68, 35, 51
Decimal	4465459
CIELab	18.67, 18.20, -3.56
CIElCh	19, 18.545, 348.926
Yxy	2.6700, 0.3689, 0.2749
Android (android.graphics.Color)	4282655539 (0xFF442333)
YUV	46.6910, 2.1243, 18.6880
Hunter-Lab	16.3402, 10.5394, -1.1110

Details

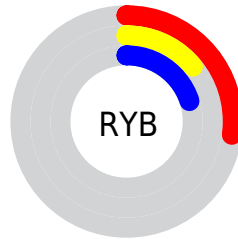
The YUV color **46.6910, 2.1243, 18.6880** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.3090, -2.1243, -18.6880**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0010, 1.9715, 21.0471**, and **7.6320, -1.7906, 14.3547** is the 20% darker color. If you saturate the color by 10%, you get **42.1260, 2.4029, 22.6915**, and if you desaturate by 10%, it is **51.2560, 1.8458, 14.6845**.

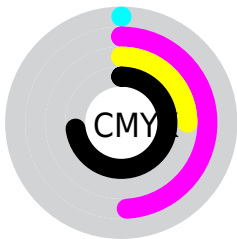
Distribution



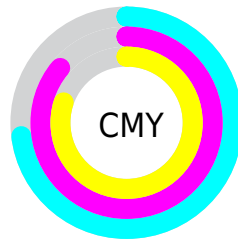
- Red (27%)
- Green (14%)
- Blue (20%)



- Red (27%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (49%)
- Yellow (25%)
- Black (73%)



- Cyan (73%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.6910, 2.1243, 18.6880 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 46.6910, 2.1243, 18.6880 by changing the saturation by 10% instead.

46.6910, 2.1243,
18.6880

46.6910, 2.1243,
18.6880

255.0000, 0.0000,
0.0000

25.0930, 2.4192,
17.4584

93.0010, 1.9715,
21.0471

7.6320, -1.7906,
14.3547

118.3000, 1.8241,
21.6619

0.0000, 0.0000,
0.0000

144.0120, 1.9661,
22.7915

170.3110, 1.8187,
23.4063

198.0230, 1.9607,
24.5358

226.3220, 1.8133,

25.1506

245.6080, 4.6303,
8.2368

46.6910, 2.1243,
18.6880

46.6910, 2.1243,
18.6880

42.1260, 2.4029,
22.6915

51.2560, 1.8458,
14.6845

37.6750, 3.1182,
26.5950

55.7070, 1.1304,
10.7810

33.6970, 3.1074,
30.0837

59.6850, 1.1413,
7.2923

29.2460, 3.8227,
33.9873

64.1360, 0.4260,
3.3887

24.6810, 4.1013,
37.9908

68.7010, 0.1474,
-0.6148

■ 24.0940, 4.3907,
38.5056

■ 73.1520, -0.5679,
-4.5183

■ 77.7170, -0.8465,
-8.5218

■ 81.5810, -1.2724,
-11.9105

■ 86.1460, -1.5510,
-15.9140

Harmonies

Analogous

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



47.1180, 7.8298, 8.6665



46.6910, 2.1243, 18.6880



45.9920, -4.4331, 21.9320

Triad

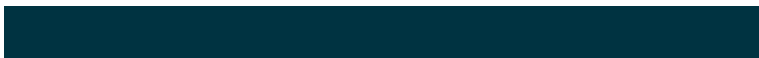
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.6910, 2.1243, 18.6880



43.2100, -11.9355, 1.5698



37.3470, 13.6329, -32.7533

Complementary

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



46.6910, 2.1243, 18.6880



56.3090, -2.1243, -18.6880

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.



36.6800, 8.5388, -32.1684



46.6910, 2.1243, 18.6880



41.3980, -7.0982, -9.9960

Square

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



46.6910, 2.1243, 18.6880



44.7490, -12.6943, 11.6211



37.7750, 1.0969, -25.2357



39.6730, 15.9372, -25.1462

Rectangle

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



46.6910, 2.1243, 18.6880



45.6560, -8.2114, 20.4727



37.7750, 1.0969, -25.2357



37.5920, 12.0331, -32.9682

Sweetspot

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



46.6910, 2.1243, 18.6880



80.5710, 0.7045, 7.3922



43.5460, 12.0558, 6.5372



40.8480, 0.5679, 4.5183



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



46.6910, 2.1243, 18.6880



55.5120, 3.6916, 29.3690



44.8670, -4.8644, 20.2876



31.0110, -0.0054, 1.7444



34.3610, 6.2310, 54.9344



79.4020, 14.5918, 126.8124

Inverse Universe

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



46.6910, 2.1243, 18.6880



55.5120, 3.6916, 29.3690



58.1330, 4.8644, -20.2876



31.0110, -0.0054, 1.7444



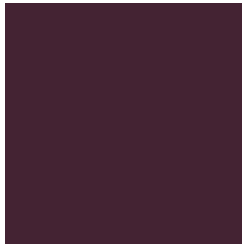
34.3610, 6.2310, 54.9344



79.4020, 14.5918, 126.8124

Previews

White Background



This preview shows how the YUV color 46.6910, 2.1243, 18.6880 looks on a white background.

Color Contrast Check

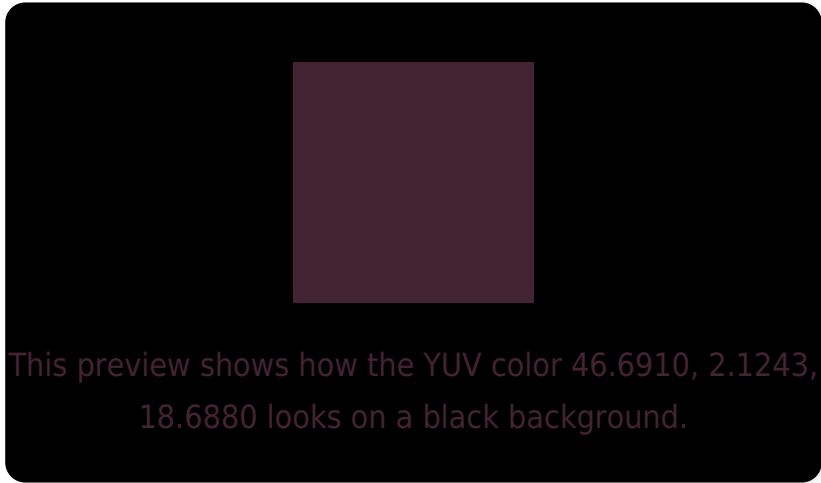
Large Text (above 18pt) WCAG AA ✓ Pass

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

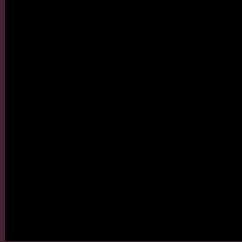
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.6910, 2.1243, 18.6880

Background



This preview shows how black text looks on a background with the YUV color 46.6910, 2.1243, 18.6880.



This preview shows how white text looks on a background with the YUV color 46.6910, 2.1243,

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

46.6910, 2.1243, 18.6880

Protanopia

46.4710, 5.6838, -3.0441

Deuteranopia

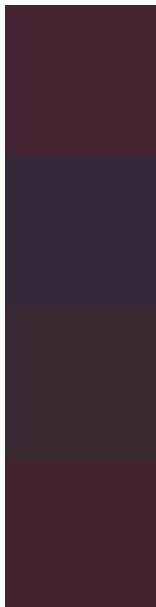
46.6520, 1.1576, 2.0592



Tritanopia

46.3120, -3.1118, 18.1434

Trichromacy



Original Color

46.6910, 2.1243, 18.6880

Protanomaly

46.4720, 4.2043, 4.8481

Deuteranomaly

46.5110, 1.7201, 8.3219

Tritanomaly

46.1810, -1.0752, 18.2583

Monochromacy



Original Color

46.6910, 2.1243, 18.6880

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.6910, 2.1243, 18.6880 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(68, 35, 51)` looks like.

```
.text, #text, p{  
    color:rgb(68, 35, 51)  
}
```

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(68, 35, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 35, 51) }
```

Border

The CSS property to change the border of an element to YUV 46.6910, 2.1243, 18.6880 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(68, 35, 51) }
```


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

```
.border{ border-color:rgb(68, 35, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 35, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 35, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 35, 51);  
box-shadow:4px 4px 4px 4px rgb(68, 35, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.6910, 2.1243, 18.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 35, 51) }
```

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

```
.background{ background-color: rgb(68, 35,  
51) }
```

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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