

Converting Colors

YUV(47.5810, 5.6296, 14.3995)

Have a look what the booklet for
YUV(47.5810, 5.6296, 14.3995)
contains.

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Color

**YUV(47.5810, 5.6296,
14.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	40253B
RGB	64, 37, 59
RGB Percent	25%, 15%, 23%
CMY	0.7490, 0.8549, 0.7686
CMYK	0.00, 0.42, 0.08, 0.75
HSL	311°, 27%, 20%
HSV	311°, 42%, 25%
XYZ	3.5653, 2.7289, 4.4765
YIQ	47.5810, 9.0300, 12.5660

Conversions

Conversions Part 2

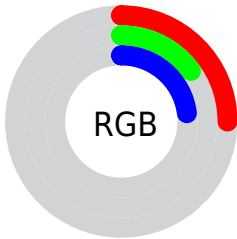
Format	Color
RYB	64, 37, 59
Decimal	4203835
CIELab	18.92, 16.84, -8.81
CIELCh	19, 19.009, 332.375
Yxy	2.7289, 0.3310, 0.2534
Android (android.graphics.Color)	4282393915 (0xFF40253B)
YUV	47.5810, 5.6296, 14.3995
Hunter-Lab	16.5194, 9.6164, -4.5031

Details

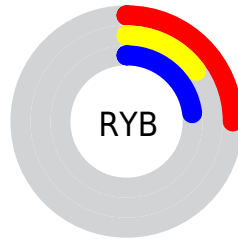
The YUV color **47.5810, 5.6296, 14.3995** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.4190, -5.6296, -14.3995**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7060, 6.0609, 16.0438**, and **7.8040, 4.0406, 10.6959** is the 20% darker color. If you saturate the color by 10%, you get **43.9450, 6.9291, 17.5882**, and if you desaturate by 10%, it is **51.2170, 4.3300, 11.2107**.

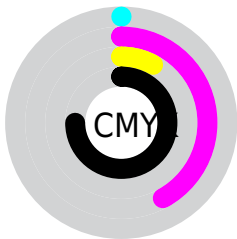
Distribution



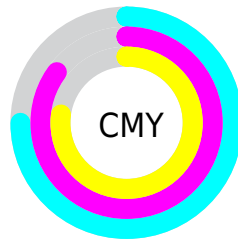
- Red (25%)
- Green (15%)
- Blue (23%)



- Red (25%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (8%)
- Black (75%)



- Cyan (75%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5810, 5.6296, 14.3995 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 47.5810, 5.6296, 14.3995 by changing the saturation by 10% instead.

47.5810, 5.6296,
14.3995

47.5810, 5.6296,
14.3995

255.0000, 0.0000,
0.0000

25.8690, 5.4876,
13.2699

93.7060, 6.0609,
16.0438

7.8040, 4.0406,
10.6959

119.0050, 5.9135,
16.6586

0.0000, 0.0000,
0.0000

144.8310, 6.4923,
17.6882

171.1300, 6.3449,
18.3030

198.5430, 6.6343,
18.8178

226.5430, 6.6343,

18.8178

247.3690, 3.7621,
6.6924

47.5810, 5.6296,
14.3995

47.5810, 5.6296,
14.3995

43.9450, 6.9291,
17.5882

51.2170, 4.3300,
11.2107

39.7220, 8.5181,
21.2918

55.4400, 2.7411,
7.5071

35.9720, 9.3808,
24.5806

59.1900, 1.8783,
4.2184

31.7490, 10.9697,
28.2841

63.4130, 0.2894,
0.5148

28.1130, 12.2693,
31.4729

67.0490, -1.0102,
-2.6740

■ 25.0640, 13.2794,
34.1469

■ 70.6850, -2.3097,
-5.8627

■ 74.9080, -3.8986,
-9.5663

■ 78.5440, -5.1982,
-12.7551

■ 82.8810, -6.3503,
-16.5586

Harmonies

Analogous

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



47.1710, 10.7617, 1.6040



47.5810, 5.6296, 14.3995



46.9040, -0.9387, 21.1322

Triad

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



47.5810, 5.6296, 14.3995



44.9010, -13.2622, 7.1028



37.9510, 10.8702, -33.2830

Complementary

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



47.5810, 5.6296, 14.3995



53.4190, -5.6296, -14.3995

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.



36.4690, 5.1918, -31.9833



47.5810, 5.6296, 14.3995



43.5190, -10.6089, -3.9632

Square

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



47.5810, 5.6296, 14.3995



46.0100, -11.8369, 16.6542



40.5650, -3.7295, -17.1585



37.9170, 15.8169, -33.2532

Rectangle

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



47.5810, 5.6296, 14.3995



46.1770, -5.0173, 22.6468



40.5650, -3.7295, -17.1585



37.4950, 9.1230, -32.8831

Sweetspot

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



47.5810, 5.6296, 14.3995



77.3150, 2.3097, 5.8627



41.5730, 11.0565, 0.3745



38.7770, 1.5889, 3.7036



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



47.5810, 5.6296, 14.3995



57.8470, 8.9494, 22.9362



46.0990, -0.0488, 15.6992



31.2390, 0.8682, 1.5444



38.0090, 20.2086, 51.7351



87.8380, 46.9149, 119.4141

Inverse Universe

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



47.5810, 5.6296, 14.3995



57.8470, 8.9494, 22.9362



54.9010, 0.0488, -15.6992



31.2390, 0.8682, 1.5444



38.0090, 20.2086, 51.7351



87.8380, 46.9149, 119.4141

Previews

White Background



This preview shows how the YUV color 47.5810, 5.6296, 14.3995 looks on a white background.

Color Contrast Check

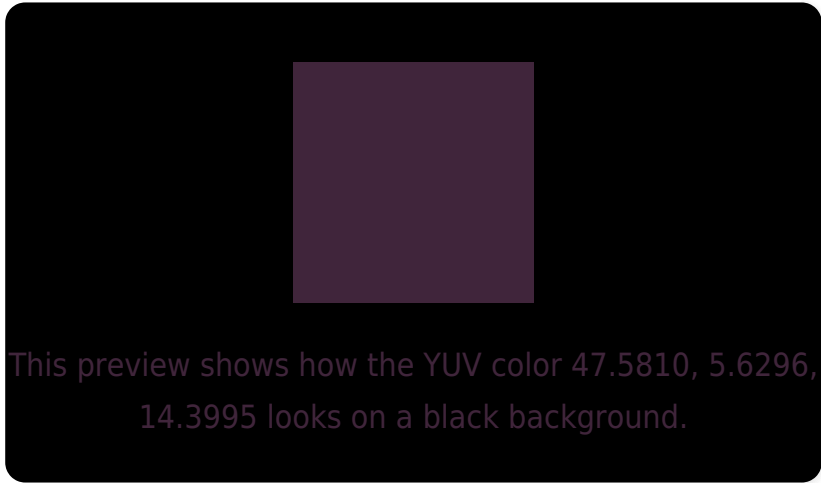
Large Text (above 18pt) WCAG AA ✓ Pass

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

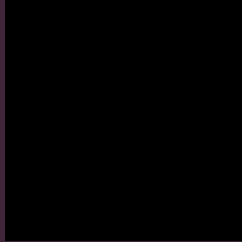
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5810, 5.6296, 14.3995

Background



This preview shows how black text looks on a background with the YUV color 47.5810, 5.6296, 14.3995.



This preview shows how white text looks on a background with the YUV color 47.5810, 5.6296,

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

47.5810, 5.6296, 14.3995

Protanopia

46.4860, 9.6204, -5.6882

Deuteranopia

46.3680, 5.2416, -1.1997



Tritanopia

46.9200, -1.9326, 13.2252

Trichromacy



Original Color

47.5810, 5.6296, 14.3995

Protanomaly

47.0740, 7.8515, 1.6891

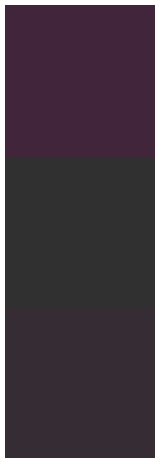
Deuteranomaly

46.8140, 5.5147, 4.5481

Tritanomaly

47.3160, 0.8302, 13.7549

Monochromacy



Original Color

47.5810, 5.6296, 14.3995

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9020, 2.0203, 5.3479

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5810, 5.6296, 14.3995 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(64, 37, 59)` looks like.

```
.text, #text, p{  
    color:rgb(64, 37, 59)  
}
```

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(64, 37, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 37, 59) }
```

Border

The CSS property to change the border of an element to YUV 47.5810, 5.6296, 14.3995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

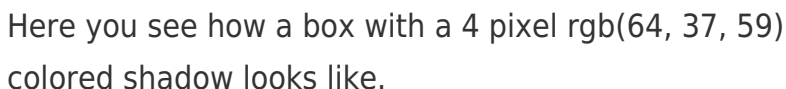
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(64, 37, 59) }
```


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

```
.border{ border-color:rgb(64, 37, 59) }
```

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



Here you see how a box with a 4 pixel `rgb(64, 37, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 37, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 37, 59);  
box-shadow:4px 4px 4px 4px rgb(64, 37, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5810, 5.6296, 14.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 37, 59) }
```

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

```
.background{ background-color: rgb(64, 37,  
59) }
```

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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