

Converting Colors

YUV(47.1590, -1.0644, 14.7696)

Have a look what the booklet for
YUV(47.1590, -1.0644, 14.7696)
contains.

YUV(47.1590, -1.0644, 14.7696)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(47.1590, -1.0644,
14.7696)**

Conversions

Conversions Part 1

Format	Color
Hex	40272D
RGB	64, 39, 45
RGB Percent	25%, 15%, 18%
CMY	0.7490, 0.8471, 0.8235
CMYK	0.00, 0.39, 0.30, 0.75
HSL	346°, 24%, 20%
HSV	346°, 39%, 25%
XYZ	3.3135, 2.7305, 2.8350
YIQ	47.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

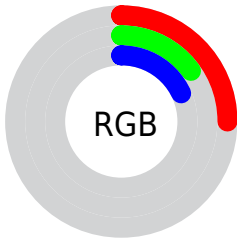
Format	Color
R_{YB}	64, 39, 45
Decimal	4204333
CIE _{Lab}	18.93, 12.78, 0.95
CIE _{LCh}	19, 12.811, 4.238
Yxy	2.7305, 0.3732, 0.3075
Android (android.graphics.Color)	4282394413 (0xFF40272D)
YUV	47.1590, -1.0644, 14.7696
Hunter-Lab	16.5242, 6.8765, 1.3947

Details

The YUV color **47.1590, -1.0644, 14.7696** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.8410, 1.0644, -14.7696**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.4690, -1.2172, 17.1287**, and **5.6810, -2.8007, 11.6808** is the 20% darker color. If you saturate the color by 10%, you get **43.0670, -1.5120, 18.3582**, and if you desaturate by 10%, it is **51.2510, -0.6167, 11.1809**.

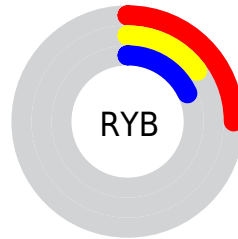
Distribution



Red (25%)

Green (15%)

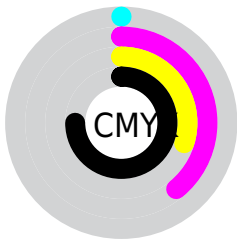
Blue (18%)



Red (25%)

Yellow (15%)

Blue (18%)

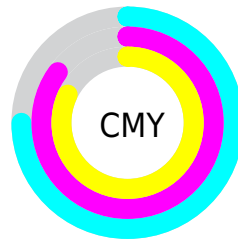


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.1590, -1.0644, 14.7696 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 47.1590, -1.0644, 14.7696 by changing the saturation by 10% instead.

■ 47.1590, -1.0644,
14.7696

■ 47.1590, -1.0644,
14.7696

255.0000, 0.0000,
0.0000

■ 25.5610, -0.7696,
13.5400

■ 93.4690, -1.2172,
17.1287

■ 5.6810, -2.8007,
11.6808

■ 118.3550, -1.6540,
17.2287

■ 0.0000, 0.0000,
0.0000

■ 144.0670, -1.5120,
18.3582

■ 170.3660, -1.6594,
18.9730

■ 197.6650, -1.8068,
19.5878

■ 225.9640, -1.9543,

20.2026

248.0870, 1.4361,
6.0627

47.1590, -1.0644,
14.7696

47.1590, -1.0644,
14.7696

43.0670, -1.5120,
18.3582

51.2510, -0.6167,
11.1809

38.3880, -1.6703,
22.4617

55.9300, -0.4585,
7.0774

34.2960, -2.1179,
26.0504

60.0220, -0.0108,
3.4887

29.7310, -1.8394,
30.0539

64.5870, -0.2894,
-0.5148

25.6390, -2.2870,
33.6426

68.6790, 0.1583,
-4.1035

■ 21.5470, -2.7347,
37.2313

■ 72.7710, 0.6059,
-7.6922

■ 20.8460, -2.8821,
37.8461

■ 77.4500, 0.7641,
-11.7957

■ 81.5420, 1.2118,
-15.3843

■ 86.2210, 1.3700,
-19.4878

Harmonies

Analogous

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



47.2770, 3.3144, 10.2811



47.1590, -1.0644, 14.7696



46.7200, -5.2850, 15.1546

Triad

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



47.1590, -1.0644, 14.7696



44.4420, -7.1199, -3.0186



42.4090, 9.6584, -17.8987

Complementary

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



47.1590, -1.0644, 14.7696



55.8410, 1.0644, -14.7696

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.



40.8060, 7.4906, -22.6319



47.1590, -1.0644, 14.7696



42.6520, -2.2934, -11.0958

Square

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



47.1590, -1.0644, 14.7696



45.3290, -9.0362, 4.9735



41.2750, 2.8224, -18.6582



45.0620, 9.3364, -7.9474

Rectangle

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



47.1590, -1.0644, 14.7696



46.4270, -7.6055, 12.7805



41.2750, 2.8224, -18.6582



41.9850, 9.3744, -20.1578

Sweetspot

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



47.1590, -1.0644, 14.7696



77.2180, -0.6005, 5.9478



47.5310, 8.1192, 9.1813



39.0220, -0.0108, 3.4887



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.



47.1590, -1.0644, 14.7696



57.6870, -1.8177, 23.0765



49.9970, -5.4215, 12.2806



31.0110, -0.0054, 1.7444



31.6250, -4.2521, 57.3339



73.1320, -9.4321, 132.3112

Inverse Universe

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



47.1590, -1.0644, 14.7696



57.6870, -1.8177, 23.0765



53.0030, 5.4215, -12.2806



31.0110, -0.0054, 1.7444



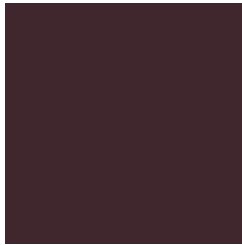
31.6250, -4.2521, 57.3339



73.1320, -9.4321, 132.3112

Previews

White Background



This preview shows how the YUV color 47.1590, -1.0644, 14.7696 looks on a white background.

Color Contrast Check

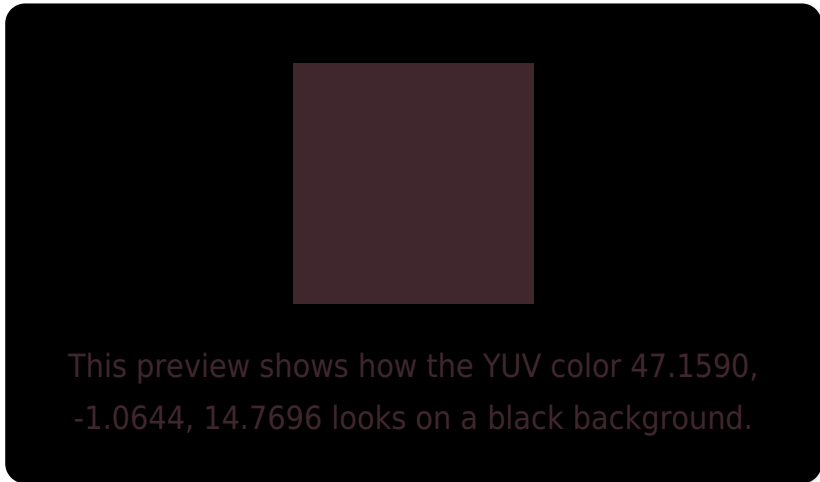
Large Text (above 18pt) WCAG AA ✓ Pass

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

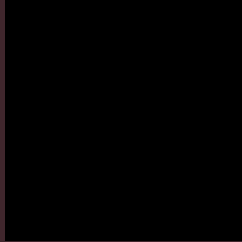
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.1590, -1.0644, 14.7696

Background



This preview shows how black text looks on a background with the YUV color 47.1590, -1.0644, 14.7696.

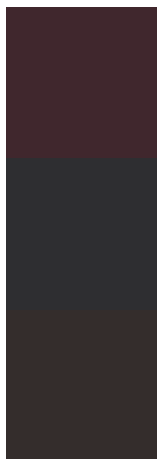


This preview shows how white text looks on a background with the YUV color 47.1590, -1.0644,

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

47.1590, -1.0644, 14.7696

Protanopia

46.3420, 1.3104, -0.2999

Deuteranopia

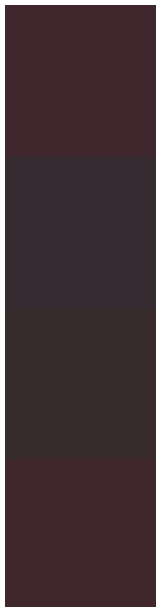
46.9790, -1.4686, 4.4034



Tritanopia

46.8170, -2.3748, 15.0695

Trichromacy



Original Color

47.1590, -1.0644, 14.7696

Protanomaly

46.5600, 0.7099, 5.6479

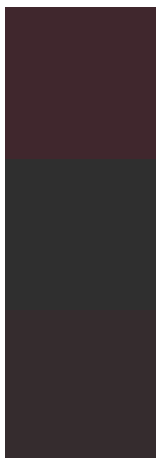
Deuteranomaly

47.0010, -1.4795, 7.8921

Tritanomaly

46.9310, -1.9380, 14.9695

Monochromacy



Original Color

47.1590, -1.0644, 14.7696

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9190, -0.4531, 5.3330

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.1590, -1.0644, 14.7696 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, 39, 45)` looks like.

```
.text, #text, p{  
    color:rgb(64, 39, 45)  
}
```

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, 39, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 39, 45) }
```

Border

The CSS property to change the border of an element to YUV 47.1590, -1.0644, 14.7696 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, 39, 45) }
```


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

```
.border{ border-color:rgb(64, 39, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 39, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 39, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 39, 45);  
box-shadow:4px 4px 4px 4px rgb(64, 39, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.1590, -1.0644, 14.7696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 39, 45) }
```

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

```
.background{ background-color: rgb(64, 39,  
45) }
```

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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