

Converting Colors

YUV(47.4010, 1.7743, -9.1217)

Have a look what the booklet for
YUV(47.4010, 1.7743, -9.1217)
contains.

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Color

**YUV(47.4010, 1.7743,
-9.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	253433
RGB	37, 52, 51
RGB Percent	15%, 20%, 20%
CMY	0.8549, 0.7961, 0.8000
CMYK	0.29, 0.00, 0.02, 0.80
HSL	176°, 17%, 17%
HSV	176°, 29%, 20%
XYZ	2.5885, 3.0883, 3.5916
YIQ	47.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

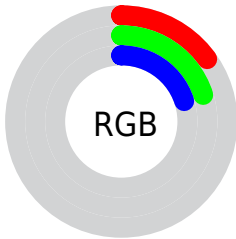
Format	Color
R_{YB}	37, 45, 52
Decimal	2438195
CIE Lab	20.39, -6.44, -1.39
CIE LCh	20, 6.589, 192.207
Yxy	3.0883, 0.2793, 0.3332
Android (android.graphics.Color)	4280628275 (0xFF253433)
YUV	47.4010, 1.7743, -9.1217
Hunter-Lab	17.5736, -4.4619, 0.1840

Details

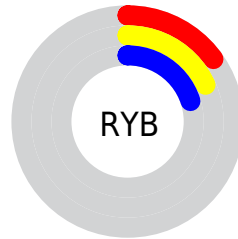
The YUV color **47.4010, 1.7743, -9.1217** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.5990, -1.7743, 9.1217**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1020, 1.9217, -9.7365**, and **2.3310, 1.3158, -2.0443** is the 20% darker color. If you saturate the color by 10%, you get **45.9060, 2.5113, -12.1956**, and if you desaturate by 10%, it is **48.8960, 1.0373, -6.0478**.

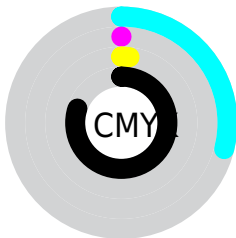
Distribution



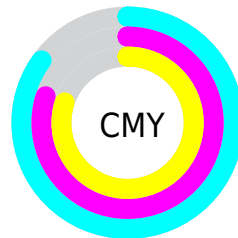
- Red (15%)
- Green (20%)
- Blue (20%)



- Red (15%)
- Yellow (18%)
- Blue (20%)



- Cyan (29%)
- Magenta (0%)
- Yellow (2%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.4010, 1.7743, -9.1217 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 47.4010, 1.7743, -9.1217 by changing the saturation by 10% instead.

■ 47.4010, 1.7743,
-9.1217

■ 47.4010, 1.7743,
-9.1217

255.0000, 0.0000,
0.0000

■ 26.4010, 1.7743,
-9.1217

■ 93.1020, 1.9217,
-9.7365

■ 2.3310, 1.3158,
-2.0443

■ 118.1020, 1.9217,
-9.7365

■ 0.0000, 0.0000,
0.0000

■ 143.8030, 2.0691,
-10.3512

■ 170.3900, 1.7797,
-10.8660

■ 197.5040, 2.2165,
-10.9660

■ 225.5040, 2.2165,

-10.9660

250.8140, 2.0637,
-8.6069

47.4010, 1.7743,
-9.1217

47.4010, 1.7743,
-9.1217

45.9060, 2.5113,
-12.1956

48.8960, 1.0373,
-6.0478

44.2970, 2.8116,
-15.1695

50.5050, 0.7370,
-3.0739

42.5030, 3.6960,
-18.8581

52.2990, -0.1474,
0.6148

41.0080, 4.4331,
-21.9320

53.7940, -0.8844,
3.6887

39.3990, 4.7333,
-24.9059

55.4030, -1.1847,
6.6626

■ 37.9040, 5.4703,
-27.9798

■ 56.8980, -1.9217,
9.7365

■ 36.4090, 6.2074,
-31.0537

■ 58.3930, -2.6587,
12.8103

■ 36.1100, 6.3548,
-31.6685

■ 60.3010, -3.1064,
16.3990

■ 61.7960, -3.8434,
19.4729

Harmonies

Analogous

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



47.7280, -0.8519, -6.7775



47.4010, 1.7743, -9.1217



47.8570, 3.5215, -9.5216

Triad

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



47.4010, 1.7743, -9.1217



49.5210, 3.1941, 2.1741



49.4800, -4.6736, 5.7180

Complementary

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



47.4010, 1.7743, -9.1217



41.5990, -1.7743, 9.1217

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.



50.1320, -3.5161, 7.7772



47.4010, 1.7743, -9.1217



49.9730, 0.9993, 6.1627

Square

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



47.4010, 1.7743, -9.1217



49.2430, 4.8102, -2.8441



50.0010, -1.4795, 7.8921



48.5720, -4.2260, 2.1294

Rectangle

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



47.4010, 1.7743, -9.1217



48.2100, 4.8265, -8.0772



50.0010, -1.4795, 7.8921



49.3060, -4.0949, 6.7476

Sweetspot

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



47.4010, 1.7743, -9.1217



67.0920, 0.4476, -3.5887



46.1040, -4.4883, -7.1072



34.6900, 0.1528, -2.3591



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



47.4010, 1.7743, -9.1217



61.5960, 2.6642, -14.5547



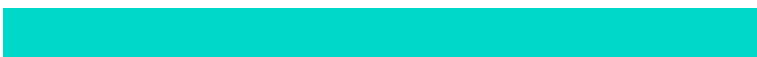
43.9930, 3.9475, -6.1329



24.9890, 0.0054, -1.7444



61.7050, 10.4984, -54.1153



150.4070, 25.4353, -131.9069

Inverse Universe

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



41.5990, -1.7743, 9.1217



52.2900, -3.1010, 14.6547



45.5940, -4.2368, 5.6181



23.8970, -0.4422, 1.8443



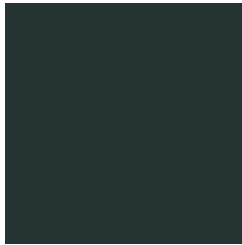
27.2950, -10.4984, 54.1153



66.4790, -25.8721, 132.0069

Previews

White Background



This preview shows how the YUV color 47.4010, 1.7743, -9.1217 looks on a white background.

Color Contrast Check

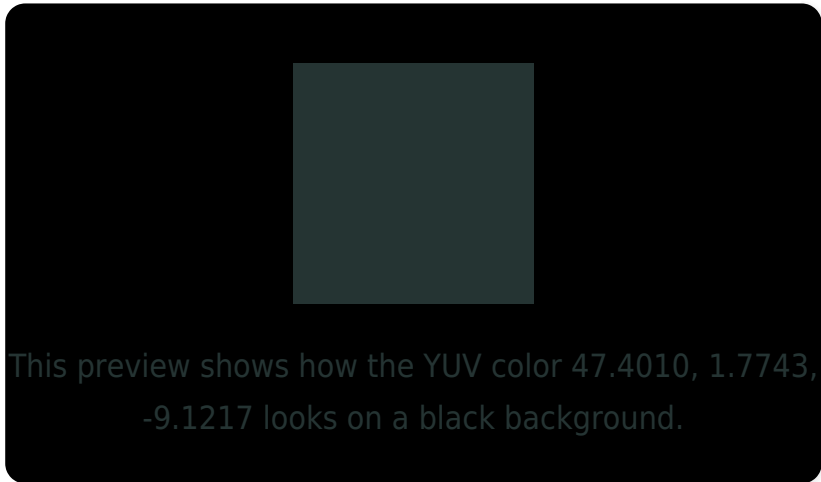
Large Text (above 18pt) WCAG AA ✓ Pass

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

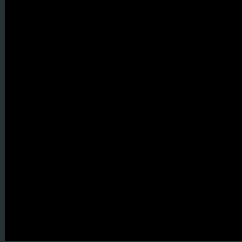
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

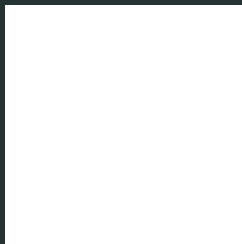
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.4010, 1.7743, -9.1217

Background



This preview shows how black text looks on a background with the YUV color 47.4010, 1.7743, -9.1217.



This preview shows how white text looks on a background with the YUV color 47.4010, 1.7743, -9.1217.

-9.1217.

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

47.4010, 1.7743, -9.1217

Protanopia

49.2990, -0.1474, 0.6148

Deuteranopia

49.9510, 1.0102, 2.6740



Tritanopia

47.5690, 3.6635, -8.3920

Trichromacy



Original Color

47.4010, 1.7743, -9.1217

Protanomaly

48.5050, 0.7370, -3.0739

Deuteranomaly

48.7440, 1.6052, -1.5295

Tritanomaly

47.4550, 3.2267, -8.2920

Monochromacy



Original Color

47.4010, 1.7743, -9.1217

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0920, 0.4476, -3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.4010, 1.7743, -9.1217 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(37, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(37, 52, 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(37, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 52, 51) }
```

Border

The CSS property to change the border of an element to YUV 47.4010, 1.7743, -9.1217 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(37, 52, 51) }
```


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

```
.border{ border-color:rgb(37, 52, 51) }
```

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

Here you see how a box with a 4 pixel rgb(37, 52, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(37, 52, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.4010, 1.7743, -9.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 52, 51) }
```

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

```
.background{ background-color: rgb(37, 52,  
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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