

Converting Colors

YUV(48.1790, 5.3348, 15.6290)

Have a look what the booklet for
YUV(48.1790, 5.3348, 15.6290)
contains.

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Color

**YUV(48.1790, 5.3348,
15.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	42253B
RGB	66, 37, 59
RGB Percent	26%, 15%, 23%
CMY	0.7412, 0.8549, 0.7686
CMYK	0.00, 0.44, 0.11, 0.74
HSL	314°, 28%, 20%
HSV	314°, 44%, 26%
XYZ	3.6978, 2.7972, 4.4827
YIQ	48.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

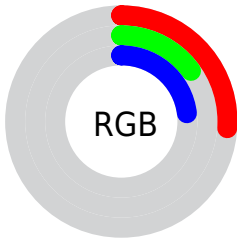
Format	Color
R_{YB}	66, 37, 59
Decimal	4334907
CIE _{Lab}	19.21, 17.64, -8.35
CIE _{LCh}	19, 19.519, 334.679
Yxy	2.7972, 0.3368, 0.2548
Android (android.graphics.Color)	4282524987 (0xFF42253B)
YUV	48.1790, 5.3348, 15.6290
Hunter-Lab	16.7247, 10.1973, -4.1841




Details

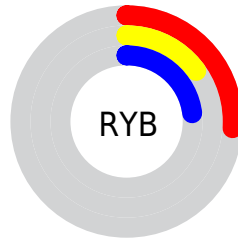
The YUV color **48.1790, 5.3348, 15.6290** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.8210, -5.3348, -15.6290**, and the grayscale version is **48.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **95.1900, 5.3293, 17.3734**, and **8.7010, 3.5984, 12.5402** is the 20% darker color. If you saturate the color by 10%, you get **43.8420, 6.4869, 19.4326**, and if you desaturate by 10%, it is **52.5160, 4.1826, 11.8255**.

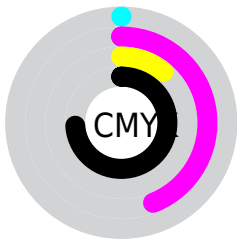
Distribution







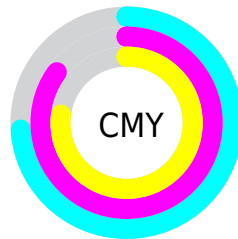
-  Red (26%)
-  Green (15%)
-  Blue (23%)






-  Red (26%)
-  Yellow (15%)
-  Blue (23%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (11%)
-  Black (74%)



-  Cyan (74%)
-  Magenta (85%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1790, 5.3348, 15.6290 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 48.1790, 5.3348, 15.6290 by changing the saturation by 10% instead.

■ 48.1790, 5.3348,
15.6290

■ 48.1790, 5.3348,
15.6290

■ 255.0000, 0.0000,
0.0000

■ 26.4670, 5.1928,
14.4994

■ 95.1900, 5.3293,
17.3734

■ 8.7010, 3.5984,
12.5402

■ 119.6030, 5.6187,
17.8882

■ 0.0000, 0.0000,
0.0000

■ 145.4290, 6.1975,
18.9178

■ 172.3150, 5.7607,
19.0177

■ 199.7280, 6.0501,
19.5325

■ 227.4400, 6.1921,

20.6621

247.3690, 3.7621,
6.6924

48.1790, 5.3348,
15.6290

48.1790, 5.3348,
15.6290

43.8420, 6.4869,
19.4326

52.5160, 4.1826,
11.8255

40.2060, 7.7864,
22.6213

56.1520, 2.8831,
8.6367

35.8690, 8.9386,
26.4249

60.4890, 1.7309,
4.8331

32.2330, 10.2381,
29.6137

64.1250, 0.4314,
1.6444

27.8960, 11.3903,
33.4172

68.4620, -0.7208,
-2.1592

■ 25.4340, 12.1110,
35.5764

■ 72.7990, -1.8729,
-5.9627

■ 76.4350, -3.1725,
-9.1515

■ 80.7720, -4.3246,
-12.9550

■ 84.4080, -5.6241,
-16.1438

Harmonies

Analogous

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



47.8830, 10.9037, 2.7336



48.1790, 5.3348, 15.6290



47.5020, -1.2335, 22.3617

Triad

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



48.1790, 5.3348, 15.6290



45.4880, -13.5516, 6.5880



38.1790, 11.7438, -33.4830

Complementary

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



48.1790, 5.3348, 15.6290



54.8210, -5.3348, -15.6290

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.



37.1700, 5.3392, -32.5981



48.1790, 5.3348, 15.6290



43.2200, -10.4615, -4.5779

Square

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



48.1790, 5.3348, 15.6290



46.4830, -12.5631, 16.2394



40.6680, -3.2873, -19.0028



38.1450, 16.6905, -33.4532

Rectangle

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



48.1790, 5.3348, 15.6290



47.0630, -5.4541, 22.7467



40.6680, -3.2873, -19.0028



38.3100, 9.7072, -33.5979

Sweetspot

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



48.1790, 5.3348, 15.6290



79.6140, 2.1623, 6.4775



42.3990, 11.6353, 1.4041



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.



48.1790, 5.3348, 15.6290



58.7440, 8.5072, 24.7805



46.5830, -0.7804, 17.0287



31.1250, 0.4314, 1.6444



37.4390, 18.0246, 52.2350



86.3560, 41.2365, 120.7138

Inverse Universe

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



48.1790, 5.3348, 15.6290



58.7440, 8.5072, 24.7805



56.4170, 0.7804, -17.0287



31.1250, 0.4314, 1.6444



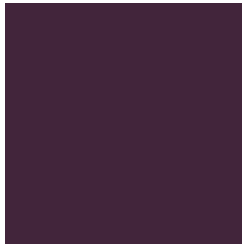
37.4390, 18.0246, 52.2350



86.3560, 41.2365, 120.7138

Previews

White Background



This preview shows how the YUV color 48.1790, 5.3348, 15.6290 looks on a white background.

Color Contrast Check

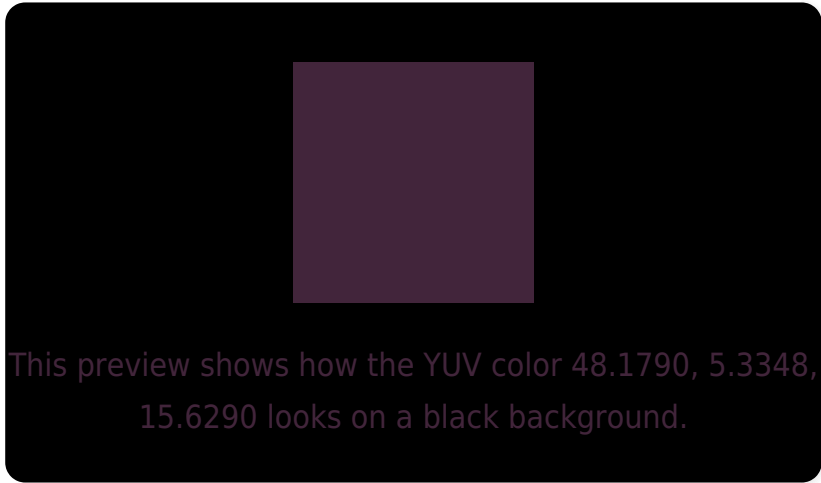
Large Text (above 18pt) WCAG AA ✓ Pass

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

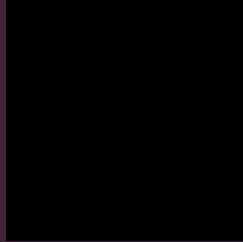
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1790, 5.3348, 15.6290

Background



This preview shows how black text looks on a background with the YUV color 48.1790, 5.3348, 15.6290.



This preview shows how white text looks on a background with the YUV color 48.1790, 5.3348,

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

48.1790, 5.3348, 15.6290

Protanopia

46.7850, 9.4730, -5.0734

Deuteranopia

47.2540, 4.8048, -1.0998



Tritanopia

47.5180, -2.2274, 14.4547

Trichromacy



Original Color

48.1790, 5.3348, 15.6290

Protanomaly

47.3730, 7.7041, 2.3039

Deuteranomaly

47.7000, 5.0779, 4.6481

Tritanomaly

47.9140, 0.5354, 14.9844

Monochromacy



Original Color

48.1790, 5.3348, 15.6290

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2010, 1.8729, 5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1790, 5.3348, 15.6290 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(66, 37, 59)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 37, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 37, 59) }
```

Border

The CSS property to change the border of an element to YUV 48.1790, 5.3348, 15.6290 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(66, 37, 59) }
```


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

```
.border{ border-color:rgb(66, 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(66, 37, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 37, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 37, 59);  
box-shadow:4px 4px 4px 4px rgb(66, 37, 59)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.1790, 5.3348, 15.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 37, 59) }
```

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

```
.background{ background-color: rgb(66, 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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