

Converting Colors

YUV(47.5820, 0.6991, 9.1366)

Have a look what the booklet for
YUV(47.5820, 0.6991, 9.1366)
contains.

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Color

**YUV(47.5820, 0.6991,
9.1366)**

Conversions

Conversions Part 1

Format	Color
Hex	3A2A31
RGB	58, 42, 49
RGB Percent	23%, 16%, 19%
CMY	0.7725, 0.8353, 0.8078
CMYK	0.00, 0.28, 0.16, 0.77
HSL	334°, 16%, 20%
HSV	334°, 28%, 23%
XYZ	3.1273, 2.7772, 3.2770
YIQ	47.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

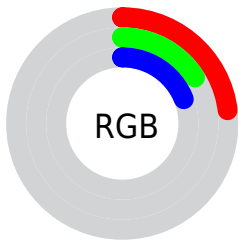
Format	Color
R_{YB}	58, 42, 49
Decimal	3811889
CIE Lab	19.13, 8.80, -1.64
CIE LCh	19, 8.954, 349.418
Yxy	2.7772, 0.3406, 0.3025
Android (android.graphics.Color)	4282001969 (0xFF3A2A31)
YUV	47.5820, 0.6991, 9.1366
Hunter-Lab	16.6650, 4.3326, 0.0069

Details

The YUV color **47.5820, 0.6991, 9.1366** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.4180, -0.6991, -9.1366**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2940, 0.8411, 10.2662**, and **4.0010, -1.4795, 7.8921** is the 20% darker color. If you saturate the color by 10%, you get **43.7180, 1.1250, 12.5253**, and if you desaturate by 10%, it is **51.4460, 0.2731, 5.7479**.

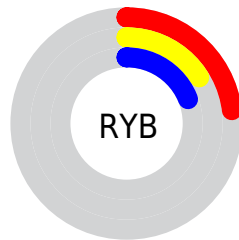
Distribution



Red (23%)

Green (16%)

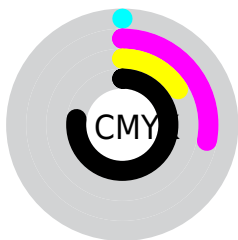
Blue (19%)



Red (23%)

Yellow (16%)

Blue (19%)

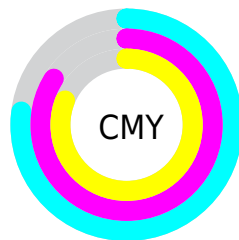


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (77%)



Cyan (77%)

Magenta (84%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5820, 0.6991, 9.1366 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 47.5820, 0.6991, 9.1366 by changing the saturation by 10% instead.

■ 47.5820, 0.6991,
9.1366

■ 47.5820, 0.6991,
9.1366

255.0000, 0.0000,
0.0000

■ 26.2830, 0.8465,
8.5218

■ 93.2940, 0.8411,
10.2662

■ 4.0010, -1.4795,
7.8921

■ 118.5930, 0.6937,
10.8809

■ 0.0000, 0.0000,
0.0000

■ 143.8920, 0.5462,
11.4957

■ 170.8920, 0.5462,
11.4957

■ 197.8920, 0.5462,
11.4957

■ 225.6040, 0.6882,

12.6253

250.3040, 2.3151,
4.1184

47.5820, 0.6991,
9.1366

47.5820, 0.6991,
9.1366

43.7180, 1.1250,
12.5253

51.4460, 0.2731,
5.7479

39.7400, 1.1142,
16.0140

55.4240, 0.2840,
2.2592

36.4630, 1.2507,
18.8879

58.7010, 0.1474,
-0.6148

32.5990, 1.6767,
22.2767

62.5650, -0.2785,
-4.0035

28.7350, 2.1026,
25.6654

66.4290, -0.7045,
-7.3922

■ 24.7570, 2.0918,
29.1541

■ 70.4070, -0.6937,
-10.8809

■ 20.8930, 2.5178,
32.5428

■ 74.2710, -1.1196,
-14.2697

■ 20.1920, 2.3703,
33.1576

■ 77.5480, -1.2562,
-17.1436

■ 81.4120, -1.6821,
-20.5323

Harmonies

Analogous

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



47.3580, 3.7675, 4.9480



47.5820, 0.6991, 9.1366



47.3820, -2.6533, 11.0660

Triad

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



47.5820, 0.6991, 9.1366



45.5180, -5.6784, 1.2997



43.8180, 6.0057, -12.9954

Complementary

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



47.5820, 0.6991, 9.1366



52.4180, -0.6991, -9.1366

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.



43.4220, 3.2430, -13.5251



47.5820, 0.6991, 9.1366



44.7560, -3.3307, -5.0480

Square

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



47.5820, 0.6991, 9.1366



46.4370, -6.1314, 6.6328



44.2330, -0.1149, -9.8513



45.6660, 6.5737, -8.4771

Rectangle

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



47.5820, 0.6991, 9.1366



47.2140, -4.5425, 10.3363



44.2330, -0.1149, -9.8513



43.8780, 4.9901, -13.9250

Sweetspot

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



47.5820, 0.6991, 9.1366



72.4350, 0.2785, 4.0035



46.5150, 5.6621, 3.9333



35.4240, 0.2840, 2.2592



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



47.5820, 0.6991, 9.1366



60.0280, 0.9722, 14.8844



47.3710, -2.6479, 9.3216



26.0110, -0.0054, 1.7444



32.0680, 3.9105, 52.5604



76.4250, 9.6505, 125.0383

Inverse Universe

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



47.5820, 0.6991, 9.1366



60.0280, 0.9722, 14.8844



52.6290, 2.6479, -9.3216



26.0110, -0.0054, 1.7444



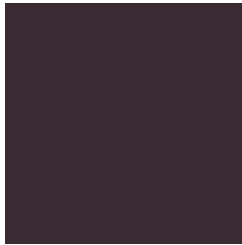
32.0680, 3.9105, 52.5604



76.4250, 9.6505, 125.0383

Previews

White Background



This preview shows how the YUV color 47.5820, 0.6991, 9.1366 looks on a white background.

Color Contrast Check

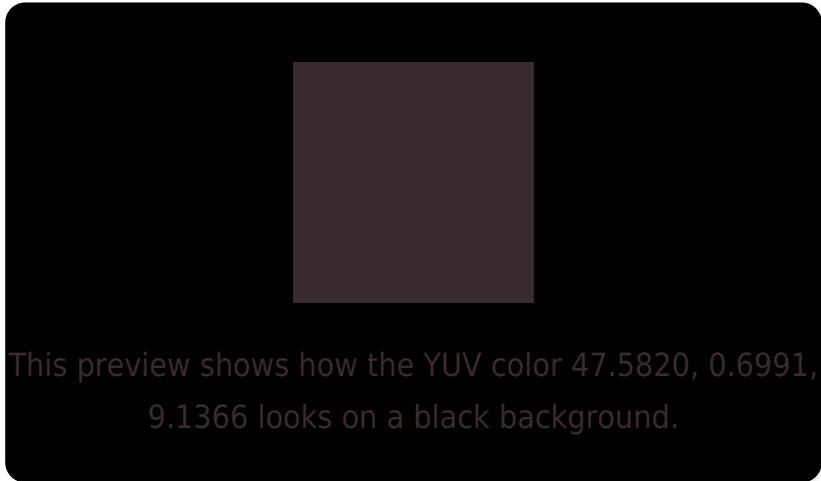
Large Text (above 18pt) WCAG AA ✓ Pass

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

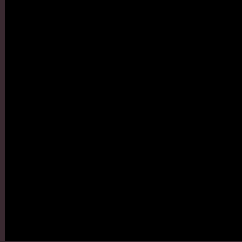
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5820, 0.6991, 9.1366

Background



This preview shows how black text looks on a background with the YUV color 47.5820, 0.6991, 9.1366.

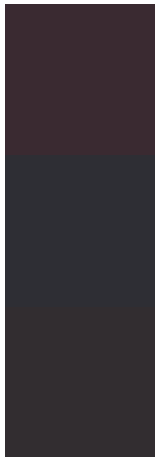


This preview shows how white text looks on a background with the YUV color 47.5820, 0.6991,

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

47.5820, 0.6991, 9.1366

Protanopia

46.6840, 2.6208, -0.5999

Deuteranopia

46.8370, 0.5734, 2.7740



Tritanopia

47.8270, -0.9007, 8.9217

Trichromacy



Original Color

47.5820, 0.6991, 9.1366

Protanomaly

47.1790, 1.8838, 2.4740

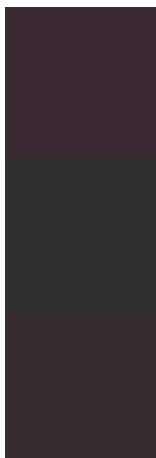
Deuteranomaly

47.1470, 0.4205, 5.1331

Tritanomaly

47.9410, -0.4639, 8.8217

Monochromacy



Original Color

47.5820, 0.6991, 9.1366

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5820, 0.6991, 9.1366 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(58, 42, 49)` looks like.

```
.text, #text, p{  
    color:rgb(58, 42, 49)  
}
```

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(58, 42, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 42, 49) }
```

Border

The CSS property to change the border of an element to YUV 47.5820, 0.6991, 9.1366 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(58, 42, 49) }
```


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

```
.border{ border-color:rgb(58, 42, 49) }
```

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

Here you see how a box with a 4 pixel rgb(58, 42, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 42, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 42, 49);  
box-shadow:4px 4px 4px 4px rgb(58, 42, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5820, 0.6991, 9.1366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 42, 49) }
```

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

```
.background{ background-color: rgb(58, 42,  
49) }
```

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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