

Converting Colors

YUV(47.0200, 46.8251, 7.8755)

Have a look what the booklet for
YUV(47.0200, 46.8251, 7.8755)
contains.

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Color

**YUV(47.0200, 46.8251,
7.8755)**

Conversions

Conversions Part 1

Format	Color
Hex	38188E
RGB	56, 24, 142
RGB Percent	22%, 9%, 56%
CMY	0.7804, 0.9059, 0.4431
CMYK	0.61, 0.83, 0.00, 0.44
HSL	256°, 71%, 33%
HSV	256°, 83%, 56%
XYZ	6.8400, 3.4470, 25.8960
YIQ	47.0200, -18.8060, 43.4820

Conversions

Conversions Part 2

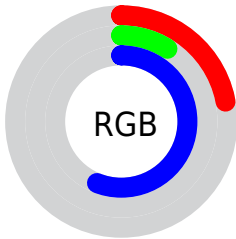
Format	Color
R _Y B	56, 24, 142
Decimal	3676302
CIE Lab	21.75, 45.25, -58.82
CIE LCh	22, 74.215, 307.569
Yxy	3.4470, 0.1890, 0.0953
Android (android.graphics.Color)	4281866382 (0xFF38188E)
YUV	47.0200, 46.8251, 7.8755
Hunter-Lab	18.5661, 33.2710, -69.7013

Details

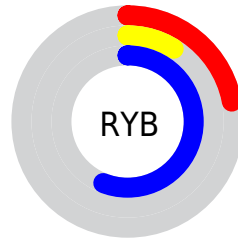
The YUV color **47.0200, 46.8251, 7.8755** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **118.9800, -46.8251, -7.8755**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3950, 48.1193, 12.8086**, and **10.2600, 39.3118, -8.9980** is the 20% darker color. If you saturate the color by 10%, you get **35.8120, 52.3507, 8.9349**, and if you desaturate by 10%, it is **58.2280, 41.2996, 6.8160**.

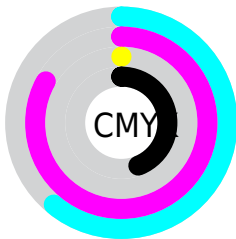
Distribution



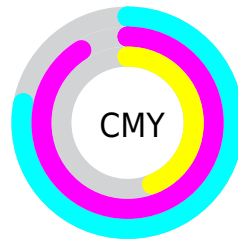
- Red (22%)
- Green (9%)
- Blue (56%)



- Red (22%)
- Yellow (9%)
- Blue (56%)



- Cyan (61%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (78%)
- Magenta (91%)
- Yellow (44%)
- Black (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0200, 46.8251, 7.8755 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 47.0200, 46.8251, 7.8755 by changing the saturation by 10% instead.

47.0200, 46.8251,
7.8755

47.0200, 46.8251,
7.8755

255.0000, 0.0000,
0.0000

19.2040, 47.7204,
0.6981

99.3950, 48.1193,
12.8086

10.2600, 39.3118,
-8.9980

125.6340, 48.9874,
14.3530

7.5240, 28.8287,
-6.5985

152.8730, 49.8556,
15.8974

6.6630, 17.9141,
-5.8435

176.9200, 38.4934,
20.2412

2.9810, 8.8834,
-2.6143


201.4400, 26.4051,
24.1701


0.0000, 0.0000,
0.0000


225.6500, 14.4696,


25.7400


 242.6730, 6.0772,
10.8108


 47.0200, 46.8251,
7.8755


 47.0200, 46.8251,
7.8755


 35.8120, 52.3507,
8.9349

 58.2280, 41.2996,
6.8160

 27.8490, 56.2764,
9.7794

 69.7350, 35.6266,
6.3714

 81.5300, 29.8117,
4.7972

 92.7380, 24.2862,
3.7378

 104.2450, 18.6132,
3.2931

■ 115.4530, 13.0877,
2.2337

■ 126.6610, 7.5621,
1.1743

■ 138.7550, 1.5998,
0.2149

■ 149.9630, -3.9258,
-0.8446

Harmonies

Analogous

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



52.8560, 55.2870, -46.3547



47.0200, 46.8251, 7.8755



47.6070, 23.3647, 66.1197

Triad

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



47.0200, 46.8251, 7.8755



46.6130, -22.9802, 44.1894



49.0870, 7.8451, -43.0493

Complementary

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



47.0200, 46.8251, 7.8755



118.9800, -46.8251, -7.8755

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.



40.5030, -19.9680, -35.5211



47.0200, 46.8251, 7.8755



48.1320, -23.7291, 4.2692

Square

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



47.0200, 46.8251, 7.8755



38.2720, -18.8681, 78.6915



38.1550, -18.8104, -33.4619



55.9440, 31.5796, -49.0629

Rectangle

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



47.0200, 46.8251, 7.8755



47.9880, 5.4289, 78.9405



38.1550, -18.8104, -33.4619



46.3340, -0.1647, -40.6349

Sweetspot

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



47.0200, 46.8251, 7.8755



146.8320, 18.3238, 2.7783



88.5210, 26.3651, -56.5849



69.5840, 11.0511, 2.1188



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



47.0200, 46.8251, 7.8755



35.9260, 73.0005, 12.3429



64.3620, 38.2755, 43.5325



65.3960, 2.7628, 0.5297



26.4530, 53.5137, 9.2497



1.5100, 3.1996, 0.4297

Inverse Universe

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



69.0860, 20.1706, 63.9456



70.2920, 31.4080, 99.7219



101.6380, -38.2755, -43.5325



66.6630, 1.1521, 3.8035



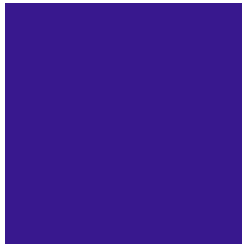
51.5370, 22.9063, 73.1971



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 47.0200, 46.8251, 7.8755 looks on a white background.

Color Contrast Check

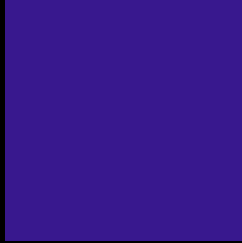
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 47.0200, 46.8251, 7.8755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

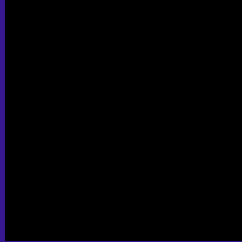
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0200, 46.8251, 7.8755

Background



This preview shows how black text looks on a background with the YUV color 47.0200, 46.8251, 7.8755.



This preview shows how white text looks on a background with the YUV color 47.0200, 46.8251,

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

47.0200, 46.8251, 7.8755

Protanopia

42.2490, 32.4152, -37.0524

Deuteranopia

42.7730, 24.2689, -37.5119



Tritanopia

46.0120, 8.3751, -26.3205

Trichromacy



Original Color

47.0200, 46.8251, 7.8755

Protanomaly

43.7270, 37.6026, -20.8086

Deuteranomaly

44.3480, 32.3664, -21.3532

Tritanomaly

46.7590, 22.3038, -13.8206

Monochromacy



Original Color

47.0200, 46.8251, 7.8755

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1910, 17.1608, 2.4635

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0200, 46.8251, 7.8755 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(56, 24, 142)` looks like.

```
.text, #text, p{  
    color:rgb(56, 24, 142)  
}
```

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(56, 24, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 24, 142) }
```

Border

The CSS property to change the border of an element to YUV 47.0200, 46.8251, 7.8755 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(56, 24, 142) }
```


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

```
.border{ border-color:rgb(56, 24, 142) }
```

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

Here you see how a box with a 4 pixel rgb(56, 24, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 24, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 24, 142);  
box-shadow:4px 4px 4px 4px rgb(56, 24,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 47.0200, 46.8251, 7.8755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 24, 142) }
```

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

```
.background{ background-color: rgb(56, 24,  
142) }
```

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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