

Converting Colors

YUV(187.7610, -7.2772,
47.5676)

Have a look what the booklet for
YUV(187.7610, -7.2772, 47.5676)
contains.

YUV(187.7610, -7.2772, 47.5676)	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(187.7610, -7.2772,
47.5676)**

Conversions

Conversions Part 1	
Format	Color
Hex	F2A3AD
RGB	242, 163, 173
RGB Percent	95%, 64%, 68%
CMY	0.0510, 0.3608, 0.3216
CMYK	0.00, 0.33, 0.29, 0.05
HSL	352°, 75%, 79%
HSV	352°, 33%, 95%
XYZ	57.2580, 48.0888, 45.7994
YIQ	187.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

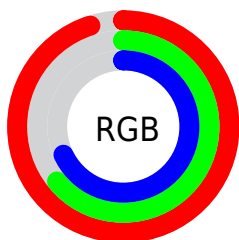
Format	Color
RYB	242, 163, 173
Decimal	15901613
CIELab	74.88, 30.55, 6.84
CIELCh	75, 31.310, 12.617
Yxy	48.0888, 0.3788, 0.3182
Android (android.graphics.Color)	4294091693 (0xFFFF2A3AD)
YUV	187.7610, -7.2772, 47.5676
Hunter-Lab	69.3461, 26.0291, 9.3843

Details

The YUV color **187.7610, -7.2772, 47.5676** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.2390, 7.2772, -47.5676**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7900, -1.3755, 21.2322**, and **133.3800, -6.1033, 44.3937** is the 20% darker color. If you saturate the color by 10%, you get **171.2790, -9.5045, 62.0223**, and if you desaturate by 10%, it is **204.2430, -5.0498, 33.1129**.

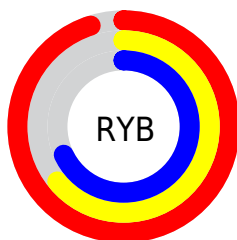
Distribution



Red (95%)

Green (64%)

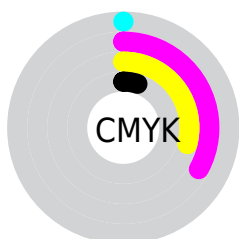
Blue (68%)



Red (95%)

Yellow (64%)

Blue (68%)

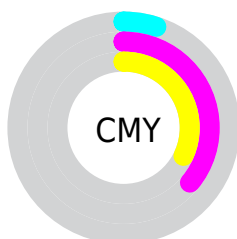


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (5%)



Cyan (5%)

Magenta (36%)


Yellow (32%)


Brightness & Saturation

Gradients


These gradients show how the YUV color 187.7610, -7.2772, 47.5676 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 187.7610, -7.2772, 47.5676 by changing the saturation by 10% instead.

 187.7610, -7.2772,
47.5676

 187.7610, -7.2772,
47.5676


255.0000, 0.0000,
0.0000


 160.1630, -6.9824,
46.3380


 230.7900, -1.3755,
21.2322


 133.3800, -6.1033,
44.3937

 250.3040, 2.3151,
4.1184

 107.4830, -5.6611,
42.5494


 82.5860, -5.2189,
40.7051


 57.9170, -3.9031,
38.6608


 33.0740, -2.0085,
37.6461


 15.8900, -6.3548,

31.6685

 5.6810, -2.8007,
11.6808


 0.0000, 0.0000,
0.0000

 187.7610, -7.2772,
47.5676


 187.7610, -7.2772,
47.5676

 171.2790, -9.5045,
62.0223


 204.2430, -5.0498,
33.1129


 154.7970,
-11.7319, 76.4770

 220.7250, -2.8224,
18.6582

 137.7280,
-13.6699, 91.4465

 237.7940, -0.8844,
3.6887

 121.1320,
-16.3341, 106.0012

 251.1130, 1.9163,
-7.9921

■ 104.6500,
-18.5615, 120.4560

■ 88.1680, -20.7888,
134.9107

■ 75.8920, -22.1318,
145.6767

Harmonies

Analogous

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



188.9520, 6.4327, 36.8761



187.7610, -7.2772, 47.5676



186.2370, -19.3438, 44.5192

Triad

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



187.7610, -7.2772, 47.5676



177.7920, -18.1385, -15.6036



176.7270, 30.7006, -47.1186

Complementary

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



187.7610, -7.2772, 47.5676



217.2390, 7.2772, -47.5676

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.



169.9390, 25.6661, -65.7215



187.7610, -7.2772, 47.5676



173.7100, -3.8010, -40.9647

Square

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



187.7610, -7.2772, 47.5676



181.1820, -26.2187, 9.4874



169.3450, 13.1409, -61.6926



184.1160, 27.5508, -16.7647

Rectangle

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



187.7610, -7.2772, 47.5676



185.2870, -25.2845, 36.5823



169.3450, 13.1409, -61.6926



173.8570, 30.1435, -55.1256

Sweetspot

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



187.7610, -7.2772, 47.5676



237.8170, -2.3748, 15.0695



192.3380, 24.4834, 33.9066



117.0120, -1.4849, 9.6365



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



187.7610, -7.2772, 47.5676



186.9690, -9.3517, 59.6632



203.6440, -20.0375, 33.6382



111.7020, -1.3321, 7.2773



57.6380, -17.0765, 110.8195



17.5420, -5.1972, 33.7277

Inverse Universe

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



187.7610, -7.2772, 47.5676



186.9690, -9.3517, 59.6632



201.3560, 20.0375, -33.6382



111.7020, -1.3321, 7.2773



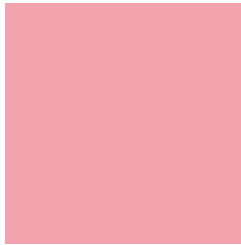
57.6380, -17.0765, 110.8195



17.5420, -5.1972, 33.7277

Previews

White Background



This preview shows how the YUV color 187.7610, -7.2772, 47.5676 looks on a white background.

Color Contrast Check

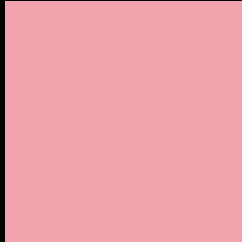
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 187.7610, -7.2772, 47.5676 looks on a black 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

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

YUV 187.7610, -7.2772, 47.5676

Background



This preview shows how black text looks on a background with the YUV color 187.7610, -7.2772, 47.5676.



This preview shows how white text looks on a background with the YUV color 187.7610, -7.2772,

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

187.7610, -7.2772, 47.5676

Protanopia

185.3100, -0.1528, 2.3591

Deuteranopia

186.0580, -7.9166, 19.2431






Tritanopia

187.9890, -6.4036, 47.3676

Trichromacy

	Original Color 187.7610, -7.2772, 47.5676
	Protanomaly 186.1380, -2.5330, 19.1730
	Deuteranomaly 186.8250, -7.8017, 29.0945
	Tritanomaly 187.8750, -6.8404, 47.4676

Monochromacy

	Original Color 187.7610, -7.2772, 47.5676
	Achromatopsia 188.0000, 0.0000, 0.0000
	Achromatomaly 188.1270, -2.5276, 17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7610, -7.2772, 47.5676 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(242, 163, 173) looks like.

```
.text, #text, p{  
    color:rgb(242, 163, 173)  
}
```

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(242, 163, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 163, 173) }
```

Border

The CSS property to change the border of an element to YUV 187.7610, -7.2772, 47.5676 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(242, 163, 173) }
```


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

```
.border{ border-color:rgb(242, 163, 173) }
```

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

Here you see how a box with a 4 pixel rgb(242, 163, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 163, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 163, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 163,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 187.7610, -7.2772, 47.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 163, 173) }
```

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

```
.background{ background-color: rgb(242,  
163, 173) }
```

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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