

Converting Colors

YUV(187.7030, -12.6716,
51.1265)

Have a look what the booklet for
YUV(187.7030, -12.6716, 51.1265)
contains.

YUV(187.7030, -12.6716, 51.1265)	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(187.7030, -12.6716,
51.1265)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A3A2
RGB	246, 163, 162
RGB Percent	96%, 64%, 64%
CMY	0.0353, 0.3608, 0.3647
CMYK	0.00, 0.34, 0.34, 0.04
HSL	1°, 82%, 80%
HSV	1°, 34%, 96%
XYZ	57.6248, 48.3959, 40.4866
YIQ	187.7030, 49.7890, 17.2850

Conversions

Conversions Part 2

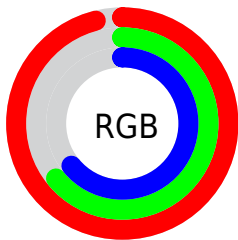
Format	Color
R_{YB}	246, 163, 162
Decimal	16163746
CIE Lab	75.07, 30.62, 13.21
CIE LCh	75, 33.348, 23.328
Yxy	48.3959, 0.3933, 0.3303
Android (android.graphics.Color)	4294353826 (0xFFFF6A3A2)
YUV	187.7030, -12.6716, 51.1265
Hunter-Lab	69.5671, 26.1151, 14.1915

Details

The YUV color **187.7030, -12.6716, 51.1265** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **220.2970, 12.6716, -51.1265**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5360, -6.1802, 22.3319**, and **133.3220, -11.4977, 47.9526** is the 20% darker color. If you saturate the color by 10%, you get **170.7650, -16.6461, 65.9811**, and if you desaturate by 10%, it is **204.6410, -8.6970, 36.2718**.

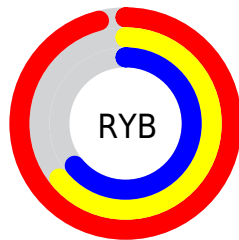
Distribution



Red (96%)

Green (64%)

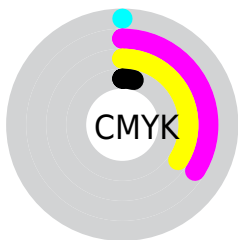
Blue (64%)



Red (96%)

Yellow (64%)

Blue (64%)

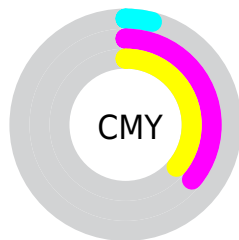


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (4%)



Cyan (4%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.7030, -12.6716, 51.1265 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 187.7030, -12.6716, 51.1265 by changing the saturation by 10% instead.

187.7030,
-12.6716, 51.1265

187.7030,
-12.6716, 51.1265

255.0000, 0.0000,
0.0000

160.2190,
-11.9400, 49.7969

229.5360, -6.1802,
22.3319

133.3220,
-11.4977, 47.9526

249.1640, -2.0529,
5.1182

107.2400,
-10.4713, 45.3935

82.4570, -9.5923,
43.4492

57.4890, -8.1291,
40.7901

32.7600, -5.7977,
39.6755

15.8470, -7.8126,

32.5832

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 187.7030,
-12.6716, 51.1265

■ 187.7030,
-12.6716, 51.1265

■ 170.7650,
-16.6461, 65.9811

■ 204.6410, -8.6970,
36.2718

■ 153.3540,
-19.8945, 81.2505

■ 222.0520, -5.4486,
21.0024

■ 136.4160,
-23.8691, 96.1052

■ 238.9900, -1.4741,
6.1478

■ 119.5920,
-27.4069, 110.8598

■ 252.3090, 1.3267,
-5.5330

■ 102.0670,
-31.0920, 126.2292

■ 85.1290, -35.0666,
141.0839

■ 75.3150, -37.1303,
149.6907

Harmonies

Analogous

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



188.8560, 2.0430, 44.8533



187.7030, -12.6716, 51.1265



185.9720, -24.1432, 43.8746

Triad

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



187.7030, -12.6716, 51.1265



176.6380, -14.6115, -26.8695



179.2270, 32.4261, -40.5411

Complementary

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



187.7030, -12.6716, 51.1265



220.2970, 12.6716, -51.1265

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.



170.5950, 30.7657, -68.0508



187.7030, -12.6716, 51.1265



171.0550, 2.9309, -53.5452

Square

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



187.7030, -12.6716, 51.1265



180.2410, -25.7548, 0.6656



166.8150, 20.3042, -72.6288



186.3670, 26.9341, -5.5839

Rectangle

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



187.7030, -12.6716, 51.1265



184.3420, -28.7626, 32.1491



166.8150, 20.3042, -72.6288



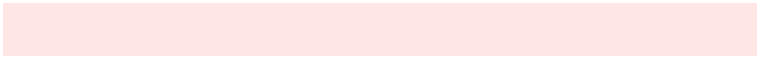
176.2750, 32.8954, -51.1072

Sweetspot

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



187.7030, -12.6716, 51.1265



237.4750, -3.6852, 15.3694



196.6920, 24.3088, 43.2431



116.7840, -2.3585, 9.8364



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.



187.7030, -12.6716, 51.1265



182.5690, -16.0565, 63.5220



211.7700, -24.5366, 30.0197



113.5880, -1.7689, 7.3773



56.7880, -27.9965, 113.3189



18.2280, -8.9864, 35.7570

Inverse Universe

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



220.2970, 12.6716, -51.1265



223.0180, 15.7671, -64.0368



196.2300, 24.5366, -30.0197



118.4120, 1.7689, -7.3773



129.2120, 27.9965, -113.3189



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 187.7030, -12.6716, 51.1265 looks on a white background.

Color Contrast Check

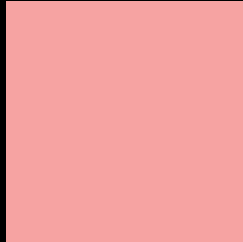
Large Text (above 18pt) WCAG AA × Fail

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 187.7030, -12.6716, 51.1265 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 187.7030, -12.6716, 51.1265

Background



This preview shows how black text looks on a background with the YUV color 187.7030, -12.6716, 51.1265.



This preview shows how white text looks on a background with the YUV color 187.7030, -12.6716,

51.1265.

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

187.7030, -12.6716, 51.1265

Protanopia

185.4260, -6.1260, 4.8884

Deuteranopia

186.0000, -13.3110, 22.8020



Tritanopia

188.0820, -7.4354, 51.6711

Trichromacy



Original Color

187.7030, -12.6716, 51.1265

Protanomaly

186.2540, -8.5062, 21.7022

Deuteranomaly

186.7670, -13.1961, 32.6533

Tritanomaly

188.2130, -9.4720, 51.5562

Monochromacy



Original Color

187.7030, -12.6716, 51.1265

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.7030, -12.6716, 51.1265 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(246, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 162)  
}
```

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(246, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 162) }
```

Border

The CSS property to change the border of an element to YUV 187.7030, -12.6716, 51.1265 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(246, 163, 162) }
```


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

```
.border{ border-color:rgb(246, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 187.7030, -12.6716, 51.1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 162) }
```

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

```
.background{ background-color: rgb(246,  
163, 162) }
```

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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