

Converting Colors

YUV(187.0140, -17.7549,
48.2227)

Have a look what the booklet for
YUV(187.0140, -17.7549, 48.2227)
contains.

YUV(187.0140, -17.7549, 48.2227)	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(187.0140, -17.7549,
48.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A697
RGB	242, 166, 151
RGB Percent	95%, 65%, 59%
CMY	0.0510, 0.3490, 0.4078
CMYK	0.00, 0.31, 0.38, 0.05
HSL	10°, 78%, 77%
HSV	10°, 38%, 95%
XYZ	55.8401, 48.3840, 35.6741
YIQ	187.0140, 50.1110, 11.4470

Conversions

Conversions Part 2

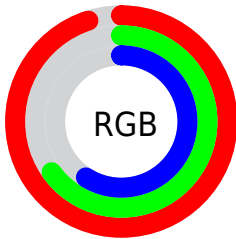
Format	Color
R _Y B	242, 169, 151
Decimal	15902359
CIE Lab	75.07, 26.24, 19.13
CIE LCh	75, 32.474, 36.099
Yxy	48.3840, 0.3991, 0.3459
Android (android.graphics.Color)	4294092439 (0xFFFF2A697)
YUV	187.0140, -17.7549, 48.2227
Hunter-Lab	69.5586, 21.5681, 18.2833

Details

The YUV color $187.0140, -17.7549, 48.2227$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $205.9860, 17.7549, -48.2227$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.9290, -12.2900, 21.9873$, and $132.7470, -16.1443, 44.9489$ is the 20% darker color. If you saturate the color by 10%, you get $172.5380, -22.4502, 60.9182$, and if you desaturate by 10%, it is $201.4900, -13.0596, 35.5273$.

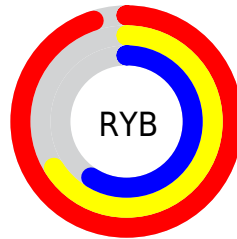
Distribution



Red (95%)

Green (65%)

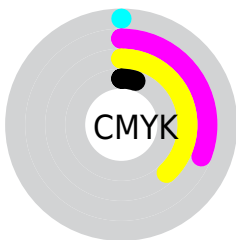
Blue (59%)



Red (95%)

Yellow (66%)

Blue (59%)

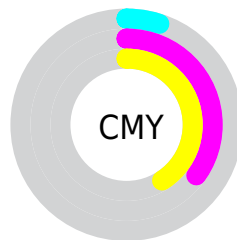


Cyan (0%)

Magenta (31%)

Yellow (38%)

Black (5%)



Cyan (5%)

Magenta (35%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.0140, -17.7549, 48.2227 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 187.0140, -17.7549, 48.2227 by changing the saturation by 10% instead.

187.0140,
-17.7549, 48.2227

187.0140,
-17.7549, 48.2227

255.0000, 0.0000,
0.0000

159.5300,
-17.0233, 46.8932

229.9290,
-12.2900, 21.9873

132.7470,
-16.1443, 44.9489

249.5570, -8.1626,
4.7735

106.6650,
-15.1178, 42.3898

81.8820, -14.2388,
40.4455

57.9140, -12.7756,
37.7864

33.7180, -12.1860,
35.3273

14.6510, -7.2229,

30.1241

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 187.0140,
-17.7549, 48.2227

■ 187.0140,
-17.7549, 48.2227

■ 172.5380,
-22.4502, 60.9182

■ 201.4900,
-13.0596, 35.5273

■ 158.0620,
-27.1456, 73.6136

■ 215.9660, -8.3642,
22.8318

■ 142.8850,
-31.9883, 86.9239

■ 231.1430, -3.5215,
9.5216

■ 128.4090,
-36.6836, 99.6193

■ 245.6190, 1.1738,
-3.1739

■ 113.9330,
-41.3790, 112.3148

■ 251.1130, 1.9163,
-7.9921

■ 99.4570, -46.0743,
125.0102

■ 95.8380, -47.2481,
128.1841

Harmonies

Analogous

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



188.2710, -4.0776, 47.9973



187.0140, -17.7549, 48.2227



185.2330, -26.7369, 35.7527

Triad

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



187.0140, -17.7549, 48.2227



174.5210, -7.1589, -37.2909



183.3430, 29.9039, -24.8568

Complementary

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



187.0140, -17.7549, 48.2227



205.9860, 17.7549, -48.2227

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.



174.3130, 31.8907, -55.5255



187.0140, -17.7549, 48.2227



169.5470, 10.0833, -60.9927

Square

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



187.0140, -17.7549, 48.2227



179.3150, -21.3543, -10.8003



168.3790, 24.9562, -71.3694



188.1900, 22.0913, 7.7264

Rectangle

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



187.0140, -17.7549, 48.2227



183.5750, -28.8775, 22.2977



168.3790, 24.9562, -71.3694



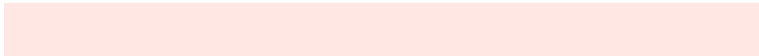
180.6190, 31.2468, -35.6229

Sweetspot

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



187.0140, -17.7549, 48.2227



238.3070, -5.5744, 14.6398



186.9870, 20.2194, 48.2464



117.8440, -3.3741, 8.9068



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.



187.0140, -17.7549, 48.2227



185.5380, -22.4502, 60.9182



212.8420, -30.4881, 25.5716



112.7620, -2.3477, 6.3477



72.6260, -35.8046, 97.6750



22.0270, -10.8593, 29.7943

Inverse Universe

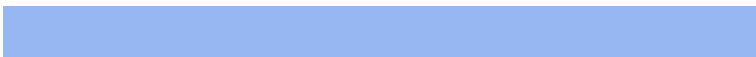
The Inverse Universe completely reimagines the original color for something new.



205.9860, 17.7549, -48.2227



209.4620, 22.4502, -60.9182



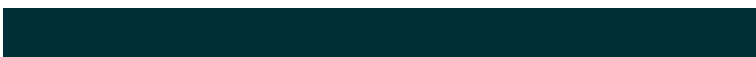
180.1580, 30.4881, -25.5716



115.2380, 2.3477, -6.3477



110.7870, 36.0940, -97.1602



33.9730, 10.8593, -29.7943

Previews

White Background



This preview shows how the YUV color 187.0140, -17.7549, 48.2227 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 187.0140, -17.7549, 48.2227 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 187.0140, -17.7549, 48.2227

Background



This preview shows how black text looks on a background with the YUV color 187.0140, -17.7549, 48.2227.



This preview shows how white text looks on a background with the YUV color 187.0140, -17.7549,

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

187.0140, -17.7549, 48.2227

Protanopia

184.8410, -12.2466, 8.0324

Deuteranopia

186.0560, -18.2686, 26.2609



Tritanopia

188.0000, -6.4090, 49.1120

Trichromacy



Original Color

187.0140, -17.7549, 48.2227

Protanomaly

185.4730, -14.0372, 22.3872

Deuteranomaly

186.5130, -18.0009, 33.7531

Tritanomaly

187.2620, -10.4822, 48.8822

Monochromacy



Original Color

187.0140, -17.7549, 48.2227

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8020, -6.3114, 17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.0140, -17.7549, 48.2227 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, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 151)  
}
```

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, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 151) }
```

Border

The CSS property to change the border of an element to YUV 187.0140, -17.7549, 48.2227 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, 166, 151) }
```


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

```
.border{ border-color:rgb(242, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 187.0140, -17.7549, 48.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 151) }
```

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

```
.background{ background-color: rgb(242,  
166, 151) }
```

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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