

Converting Colors

YUV(187.9090, 14.8349, 1.8338)

Have a look what the booklet for
YUV(187.9090, 14.8349, 1.8338)
contains.

YUV(187.9090, 14.8349, 1.8338)	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(187.9090, 14.8349,
1.8338)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB5DA
RGB	190, 181, 218
RGB Percent	75%, 71%, 85%
CMY	0.2549, 0.2902, 0.1451
CMYK	0.13, 0.17, 0.00, 0.15
HSL	255°, 33%, 78%
HSV	255°, 17%, 85%
XYZ	50.4140, 49.0569, 73.1415
YIQ	187.9090, -6.5130, 13.4150

Conversions

Conversions Part 2

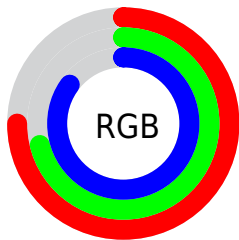
Format	Color
RYB	190, 181, 218
Decimal	12498394
CIELab	75.49, 10.40, -17.42
CIELCh	75, 20.290, 300.831
Yxy	49.0569, 0.2921, 0.2842
Android (android.graphics.Color)	4290688474 (0xFFBEB5DA)
YUV	187.9090, 14.8349, 1.8338
Hunter-Lab	70.0406, 5.9101, -12.8865

Details

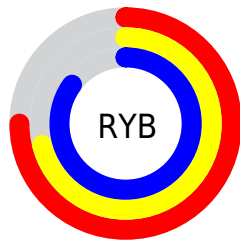
The YUV color $187.9090, 14.8349, 1.8338$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $211.0910, -14.8349, -1.8338$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0420, 6.3883, 4.3482$, and $134.3820, 14.1087, 1.4190$ is the 20% darker color. If you saturate the color by 10%, you get $170.2110, 23.5600, 3.3230$, and if you desaturate by 10%, it is $205.6070, 6.1097, 0.3447$.

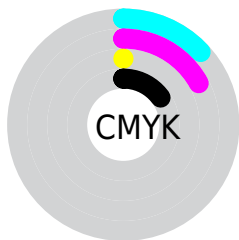
Distribution



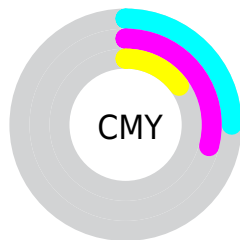
- Red (75%)
- Green (71%)
- Blue (85%)



- Red (75%)
- Yellow (71%)
- Blue (85%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.9090, 14.8349, 1.8338 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 187.9090, 14.8349, 1.8338 by changing the saturation by 10% instead.

■ 187.9090, 14.8349,
1.8338

■ 187.9090, 14.8349,
1.8338

255.0000, 0.0000,
0.0000

■ 160.7950, 14.3981,
1.9338

■ 242.0420, 6.3883,
4.3482

■ 134.3820, 14.1087,
1.4190

■ 109.2680, 13.6719,
1.5190

■ 84.7410, 12.9457,
1.1041

■ 61.3280, 12.6563,
0.5893

■ 39.6870, 11.4933,
0.2745

■ 18.5730, 11.0565,

0.3745

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 187.9090, 14.8349,
1.8338

■ 187.9090, 14.8349,
1.8338

■ 170.2110, 23.5600,
3.3230

■ 205.6070, 6.1097,
0.3447

■ 152.2140, 32.4325,
4.1973

■ 223.6040, -2.7628,
-0.5297

■ 135.1030, 40.8682,
5.1717

■ 240.7150,
-11.1985, -1.5041

■ 117.1060, 49.7407,
6.0460

■ 250.7820,
-16.1615, 3.6992

■ 99.4080, 58.4659,
7.5352

■ 81.4110, 67.3384,
8.4096

■ 63.7130, 76.0635,
9.8987

■ 46.3030, 84.6466,
10.2583

■ 40.6990, 87.4094,
10.7880

Harmonies

Analogous

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



184.5260, 18.9677, -17.1243



187.9090, 14.8349, 1.8338



189.0700, 7.3605, 19.2326

Triad

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



187.9090, 14.8349, 1.8338



187.2130, -16.3740, 25.2462



179.0020, 3.4500, -33.3278

Complementary

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



187.9090, 14.8349, 1.8338



211.0910, -14.8349, -1.8338

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.



180.7450, -6.7763, -19.9474



187.9090, 14.8349, 1.8338



185.3810, -17.9358, 12.8209

Square

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



187.9090, 14.8349, 1.8338



188.2660, -9.9911, 31.3387



183.1940, -14.3926, -3.6781



178.6730, 12.4862, -38.3012

Rectangle

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



187.9090, 14.8349, 1.8338



189.2190, 1.3710, 26.9949



183.1940, -14.3926, -3.6781



179.1120, -0.0552, -29.0392

Sweetspot

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



187.9090, 14.8349, 1.8338



244.3790, 5.2362, 0.5446



201.6540, 8.0586, -18.1136



121.5100, 3.1996, 0.4297



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.



187.9090, 14.8349, 1.8338



213.4020, 20.5078, 2.2784



193.2910, 12.1815, 12.8998



100.8520, 4.5100, 0.1298



32.2800, 69.3750, 8.5244



8.5330, 18.4712, 2.1636

Inverse Universe

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



195.2550, 6.7763, 19.9474



223.6950, 9.5174, 27.4545



205.7090, -12.1815, -12.8998



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 187.9090, 14.8349, 1.8338 looks on a white background.

Color Contrast Check

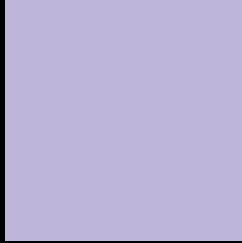
Large Text (above 18pt) WCAG AA × Fail

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 187.9090, 14.8349, 1.8338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

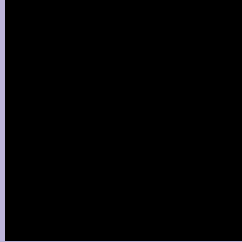
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.9090, 14.8349, 1.8338

Background



This preview shows how black text looks on a background with the YUV color 187.9090, 14.8349, 1.8338.



This preview shows how white text looks on a background with the YUV color 187.9090, 14.8349, 1.8338.

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

187.9090, 14.8349, 1.8338

Protanopia

186.6090, 16.4618, -6.6731

Deuteranopia

187.6100, 14.9823, 1.2190



Tritanopia

186.6070, 6.1097, 0.3447

Trichromacy



Original Color

187.9090, 14.8349, 1.8338

Protanomaly

187.1040, 15.7247, -3.5992

Deuteranomaly

187.6100, 14.9823, 1.2190

Tritanomaly

187.1170, 9.3093, 0.7744

Monochromacy



Original Color

187.9090, 14.8349, 1.8338

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7920, 5.5255, 1.0594

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.9090, 14.8349, 1.8338 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(190, 181, 218)` looks like.

```
.text, #text, p{  
    color:rgb(190, 181, 218)  
}
```

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(190, 181, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 181, 218) }
```

Border

The CSS property to change the border of an element to YUV 187.9090, 14.8349, 1.8338 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(190, 181, 218) }
```


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

```
.border{ border-color:rgb(190, 181, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 181, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 181, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 181, 218);  
box-shadow:4px 4px 4px 4px rgb(190, 181,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 187.9090, 14.8349, 1.8338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 181, 218) }
```

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

```
.background{ background-color: rgb(190,  
181, 218) }
```

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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