

Converting Colors

YUV(189.4270, 9.1565, 3.1335)

Have a look what the booklet for
YUV(189.4270, 9.1565, 3.1335)
contains.

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Color

**YUV(189.4270, 9.1565,
3.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B8D0
RGB	193, 184, 208
RGB Percent	76%, 72%, 82%
CMY	0.2431, 0.2784, 0.1843
CMYK	0.07, 0.12, 0.00, 0.18
HSL	262°, 20%, 77%
HSV	262°, 12%, 82%
XYZ	50.5180, 50.1725, 66.6962
YIQ	189.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

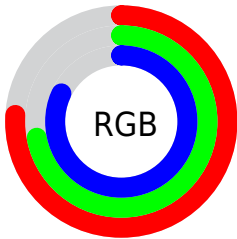
Format	Color
R_{YB}	193, 184, 208
Decimal	12695760
CIE _{Lab}	76.18, 7.71, -10.93
CIE _{LCh}	76, 13.377, 305.195
Yxy	50.1725, 0.3018, 0.2997
Android (android.graphics.Color)	4290885840 (0xFFC1B8D0)
YUV	189.4270, 9.1565, 3.1335
Hunter-Lab	70.8326, 3.3497, -6.2449

Details

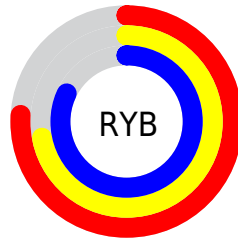
The YUV color `189.4270, 9.1565, 3.1335` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `202.5730, -9.1565, -3.1335`, and the grayscale version is `189.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `244.7000, 5.0779, 4.6481`, and `136.0140, 8.8671, 2.6187` is the 20% darker color. If you saturate the color by 10%, you get `173.2130, 17.1500, 5.9522`, and if you desaturate by 10%, it is `205.6410, 1.1630, 0.3148`.

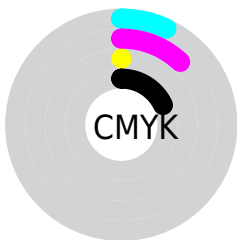
Distribution



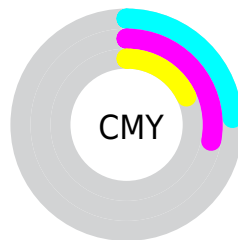
- Red (76%)
- Green (72%)
- Blue (82%)



- Red (76%)
- Yellow (72%)
- Blue (82%)



- Cyan (7%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4270, 9.1565, 3.1335 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 189.4270, 9.1565, 3.1335 by changing the saturation by 10% instead.

■ 189.4270, 9.1565,
3.1335

■ 189.4270, 9.1565,
3.1335

■ 255.0000, 0.0000,
0.0000

■ 162.3130, 8.7197,
3.2335

■ 244.7000, 5.0779,
4.6481

■ 136.0140, 8.8671,
2.6187

■ 110.9000, 8.4303,
2.7187

■ 86.4870, 8.1409,
2.2039

■ 63.3730, 7.7041,
2.3039

■ 40.9600, 7.4147,
1.7891

■ 20.1450, 6.8305,

2.5038

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 189.4270, 9.1565,
3.1335

■ 189.4270, 9.1565,
3.1335

■ 173.2130, 17.1500,
5.9522

■ 205.6410, 1.1630,
0.3148

■ 156.9990, 25.1435,
8.7709

■ 221.8550, -6.8305,
-2.5038

■ 141.3720, 32.8476,
11.0748

■ 237.4820,
-14.5346, -4.8077

■ 125.1580, 40.8411,
13.8934

■ 246.6520,
-19.0554, -1.4488

■ 108.9440, 48.8346,
16.7121

■ 249.6420,
-20.5295, 4.6990

■ 92.7300, 56.8281,
19.5308

■ 76.5160, 64.8216,
22.3495

■ 60.8890, 72.5257,
24.6533

■ 47.0340, 79.3562,
27.1572

Harmonies

Analogous

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



187.4470, 12.1046, -9.1620



189.4270, 9.1565, 3.1335



190.4130, 3.7404, 13.6698

Triad

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



189.4270, 9.1565, 3.1335



188.8250, -11.2527, 15.9395



183.6660, 3.1227, -21.6321

Complementary

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



189.4270, 9.1565, 3.1335



202.5730, -9.1565, -3.1335

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.



184.2880, -3.5930, -14.2846



189.4270, 9.1565, 3.1335



187.5420, -12.0992, 7.4177

Square

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



189.4270, 9.1565, 3.1335



190.0690, -7.9220, 20.9875



185.5730, -9.1565, -3.1335



183.8490, 8.9484, -23.5466

Rectangle

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



189.4270, 9.1565, 3.1335



190.7080, -0.3490, 18.6731



185.5730, -9.1565, -3.1335



183.6940, 0.6439, -19.9026

Sweetspot

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



189.4270, 9.1565, 3.1335



248.8090, 3.0522, 1.0445



195.5410, 6.1423, -10.1215



123.2820, 2.3260, 0.6297



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.



189.4270, 9.1565, 3.1335



227.2900, 13.6610, 5.0077



193.0150, 7.3876, 10.5108



96.4500, 4.2152, 1.3594



37.9890, 64.0954, 21.9346



9.1590, 15.6976, 5.1226

Inverse Universe

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



192.8860, 3.0142, 13.2550



232.3860, 4.7397, 19.8325



198.9850, -7.3876, -10.5108



98.0870, 1.4361, 6.0627



62.2020, 21.0994, 92.7848



15.2230, 5.3131, 22.6064

Previews

White Background



This preview shows how the YUV color 189.4270, 9.1565, 3.1335 looks on a white background.

Color Contrast Check

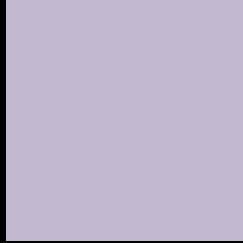
Large Text (above 18pt) WCAG AA × Fail

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 189.4270, 9.1565, 3.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

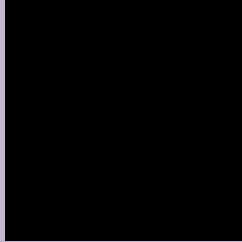
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.4270, 9.1565, 3.1335

Background



This preview shows how black text looks on a background with the YUV color 189.4270, 9.1565, 3.1335.



This preview shows how white text looks on a background with the YUV color 189.4270, 9.1565,

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

189.4270, 9.1565, 3.1335

Protanopia

188.4370, 10.6306, -3.0142

Deuteranopia

190.0360, 8.8563, 6.1074



Tritanopia

188.8030, 5.5201, 2.8038

Trichromacy



Original Color

189.4270, 9.1565, 3.1335

Protanomaly

188.6330, 10.0409, -0.5551

Deuteranomaly

189.7370, 9.0037, 5.4927

Tritanomaly

189.1450, 6.8305, 2.5038

Monochromacy



Original Color

189.4270, 9.1565, 3.1335

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4270, 9.1565, 3.1335 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(193, 184, 208)` looks like.

```
.text, #text, p{  
    color:rgb(193, 184, 208)  
}
```

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(193, 184, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 184, 208) }
```

Border

The CSS property to change the border of an element to YUV 189.4270, 9.1565, 3.1335 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(193, 184, 208) }
```


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

```
.border{ border-color:rgb(193, 184, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 184, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 184, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 184, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 184,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 189.4270, 9.1565, 3.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 184, 208) }
```

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

```
.background{ background-color: rgb(193,  
184, 208) }
```

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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