

Converting Colors

YUV(187.4100, 11.6299, 3.1484)

Have a look what the booklet for
YUV(187.4100, 11.6299, 3.1484)
contains.

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Color

**YUV(187.4100, 11.6299,
3.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB5D3
RGB	191, 181, 211
RGB Percent	75%, 71%, 83%
CMY	0.2510, 0.2902, 0.1725
CMYK	0.09, 0.14, 0.00, 0.17
HSL	260°, 25%, 77%
HSV	260°, 14%, 83%
XYZ	49.7676, 48.8273, 68.4296
YIQ	187.4100, -3.6700, 11.4500

Conversions

Conversions Part 2

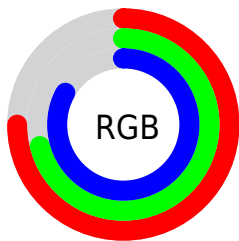
Format	Color
RYB	191, 181, 211
Decimal	12563923
CIELab	75.34, 9.28, -13.82
CIELCh	75, 16.649, 303.867
Yxy	48.8273, 0.2980, 0.2923
Android (android.graphics.Color)	4290754003 (0xFFBFB5D3)
YUV	187.4100, 11.6299, 3.1484
Hunter-Lab	69.8765, 4.8478, -9.1487

Details

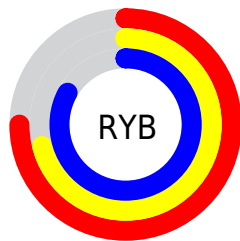
The YUV color $187.4100, 11.6299, 3.1484$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $204.5900, -11.6299, -3.1484$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0420, 6.3883, 4.3482$, and $133.8830, 10.9037, 2.7336$ is the 20% darker color. If you saturate the color by 10%, you get $170.8970, 19.7708, 5.3523$, and if you desaturate by 10%, it is $203.9230, 3.4890, 0.9445$.

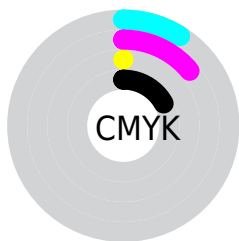
Distribution



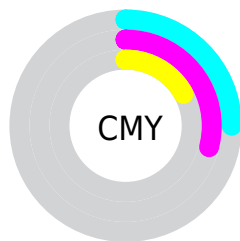
- Red (75%)
- Green (71%)
- Blue (83%)



- Red (75%)
- Yellow (71%)
- Blue (83%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (25%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.4100, 11.6299, 3.1484 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 187.4100, 11.6299, 3.1484 by changing the saturation by 10% instead.

■ 187.4100, 11.6299,
3.1484

■ 187.4100, 11.6299,
3.1484

255.0000, 0.0000,
0.0000

■ 160.2960, 11.1931,
3.2484

■ 242.0420, 6.3883,
4.3482

■ 133.8830, 10.9037,
2.7336

■ 108.7690, 10.4669,
2.8336

■ 84.3560, 10.1775,
2.3188

■ 61.2420, 9.7407,
2.4188

■ 39.4160, 9.1619,
1.3892

■ 18.0140, 8.8671,

2.6187

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 187.4100, 11.6299,
3.1484

■ 187.4100, 11.6299,
3.1484

■ 170.8970, 19.7708,
5.3523

■ 203.9230, 3.4890,
0.9445

■ 154.3840, 27.9117,
7.5562

■ 220.4360, -4.6519,
-1.2594

■ 137.8710, 36.0526,
9.7601

■ 236.9490,
-12.7929, -3.4633

■ 121.3580, 44.1935,
11.9640

■ 247.5920,
-18.0399, -0.5192

■ 104.8450, 52.3344,
14.1679

■ 249.9840,
-19.2191, 4.3990

■ 87.7450, 60.7647,
16.8866

■ 71.2320, 68.9056,
19.0905

■ 54.4200, 77.1939,
20.6797

■ 44.9840, 81.8459,
21.9390

Harmonies

Analogous

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



184.9350, 15.3150, -12.2210



187.4100, 11.6299, 3.1484



188.7770, 5.0399, 16.8586

Triad

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



187.4100, 11.6299, 3.1484



186.5760, -13.5950, 20.5428



180.3340, 3.2863, -27.4799

Complementary

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



187.4100, 11.6299, 3.1484



204.5900, -11.6299, -3.1484

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.



181.0380, -4.4557, -17.5733



187.4100, 11.6299, 3.1484



184.8690, -14.7254, 9.7619

Square

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



187.4100, 11.6299, 3.1484



187.4610, -9.1013, 25.9057



183.2910, -11.4825, -3.7632



180.5600, 10.5699, -30.3091

Rectangle

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



187.4100, 11.6299, 3.1484



188.5560, 0.2189, 23.1914



183.2910, -11.4825, -3.7632



180.0740, 0.9495, -24.6209

Sweetspot

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



187.4100, 11.6299, 3.1484



247.0370, 3.9258, 0.8446



196.1600, 7.3161, -13.2953



122.3960, 2.7628, 0.5297



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.



187.4100, 11.6299, 3.1484



221.0880, 16.7186, 4.3078



191.8950, 9.4188, 12.3701



96.4500, 4.2152, 1.3594



35.8960, 65.1273, 17.6312



8.8600, 15.8450, 4.5078

Inverse Universe

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



192.2500, 4.3137, 16.4438



228.1630, 6.3286, 23.5360



200.1050, -9.4188, -12.3701



98.0870, 1.4361, 6.0627



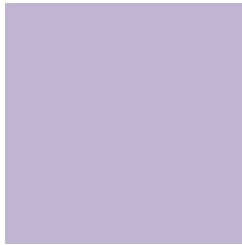
63.0000, 24.1570, 92.0850



15.3370, 5.7499, 22.5065

Previews

White Background



This preview shows how the YUV color 187.4100, 11.6299, 3.1484 looks on a white background.

Color Contrast Check

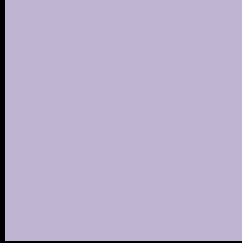
Large Text (above 18pt) WCAG AA × Fail

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 187.4100, 11.6299, 3.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

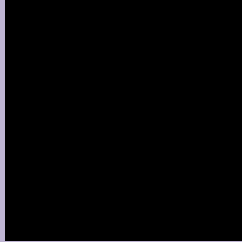
Any Text WCAG AA ✓ Pass

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 187.4100, 11.6299, 3.1484 Background



This preview shows how black text looks on a background with the YUV color 187.4100, 11.6299, 3.1484.



This preview shows how white text looks on a background with the YUV color 187.4100, 11.6299,

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

187.4100, 11.6299, 3.1484

Protanopia

186.4090, 13.1094, -4.7437

Deuteranopia

187.7090, 11.4825, 3.7632



Tritanopia

186.5040, 5.6675, 2.1890

Trichromacy



Original Color

187.4100, 11.6299, 3.1484

Protanomaly

186.9040, 12.3723, -1.6698

Deuteranomaly

187.7090, 11.4825, 3.7632

Tritanomaly

186.7860, 7.9935, 2.8187

Monochromacy



Original Color

187.4100, 11.6299, 3.1484

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1510, 4.3626, 0.7446

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.4100, 11.6299, 3.1484 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(191, 181, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 181, 211)  
}
```

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(191, 181, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 181, 211) }
```

Border

The CSS property to change the border of an element to YUV 187.4100, 11.6299, 3.1484 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(191, 181, 211) }
```


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

```
.border{ border-color:rgb(191, 181, 211) }
```

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

Here you see how a box with a 4 pixel rgb(191, 181, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 181, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 181, 211);  
box-shadow:4px 4px 4px 4px rgb(191, 181,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 187.4100, 11.6299, 3.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 181, 211) }
```

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

```
.background{ background-color: rgb(191,  
181, 211) }
```

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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