

Converting Colors

YUV(187.6910, 15.4353,
-4.1140)

Have a look what the booklet for
YUV(187.6910, 15.4353, -4.1140)
contains.

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Color

**YUV(187.6910, 15.4353,
-4.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B8DB
RGB	183, 184, 219
RGB Percent	72%, 72%, 86%
CMY	0.2824, 0.2784, 0.1412
CMYK	0.16, 0.16, 0.00, 0.14
HSL	238°, 33%, 79%
HSV	238°, 16%, 86%
XYZ	49.4551, 49.4627, 73.9585
YIQ	187.6910, -11.8310, 10.6730

Conversions

Conversions Part 2

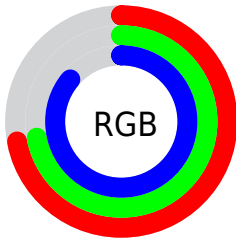
Format	Color
RYB	183, 184, 219
Decimal	12040411
CIELab	75.74, 6.73, -17.64
CIELCh	76, 18.880, 290.890
Yxy	49.4627, 0.2861, 0.2861
Android (android.graphics.Color)	4290230491 (0xFFB7B8DB)
YUV	187.6910, 15.4353, -4.1140
Hunter-Lab	70.3297, 2.4422, -13.1183

Details

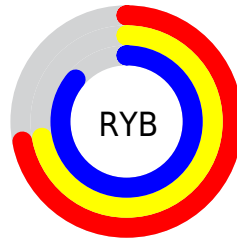
The YUV color **187.6910, 15.4353, -4.1140** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214.3090, -15.4353, 4.1140**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4110, 6.6994, -2.1144**, and **134.4630, 14.5617, -3.9141** is the 20% darker color. If you saturate the color by 10%, you get **168.7860, 24.7555, -6.8283**, and if you desaturate by 10%, it is **206.5960, 6.1152, -1.3997**.

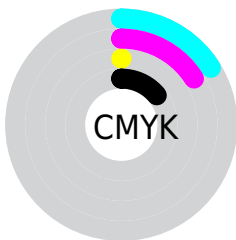
Distribution



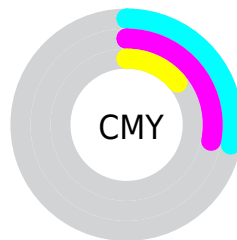
- Red (72%)
- Green (72%)
- Blue (86%)



- Red (72%)
- Yellow (72%)
- Blue (86%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6910, 15.4353, -4.1140 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 187.6910, 15.4353, -4.1140 by changing the saturation by 10% instead.

■ 187.6910, 15.4353,
-4.1140

■ 187.6910, 15.4353,
-4.1140

255.0000, 0.0000,
0.0000

■ 160.5770, 14.9985,
-4.0140

■ 241.4110, 6.6994,
-2.1144

■ 134.4630, 14.5617,
-3.9141

■ 109.0500, 14.2724,
-4.4288

■ 84.8220, 13.3988,
-4.2289

■ 61.4090, 13.1094,
-4.7437

■ 39.1810, 12.2358,
-4.5437

■ 18.3550, 11.6570,

-5.5733

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 187.6910, 15.4353,
-4.1140

■ 187.6910, 15.4353,
-4.1140

■ 168.7860, 24.7555,
-6.8283

■ 206.5960, 6.1152,
-1.3997

■ 149.2940, 34.3651,
-9.0278

■ 226.0880, -3.4944,
0.7998

■ 130.3890, 43.6852,
-11.7422

■ 244.9930,
-12.8145, 3.5141

■ 111.4840, 53.0054,
-14.4565

■ 250.8960,
-15.7247, 3.5992

■ 92.8780, 62.1781,
-16.5560

■ 73.3860, 71.7877,
-18.7555

■ 54.4810, 81.1079,
-21.4698

■ 35.5760, 90.4280,
-24.1842

■ 28.4880, 93.9224,
-24.9840

Harmonies

Analogous

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



184.5640, 17.9629, -21.5426



187.6910, 15.4353, -4.1140



189.3080, 9.7082, 12.8849

Triad

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



187.6910, 15.4353, -4.1140



187.9080, -13.7586, 26.3907



180.5360, 0.2288, -26.7801

Complementary

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



187.6910, 15.4353, -4.1140



214.3090, -15.4353, 4.1140

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.



182.5070, -9.1240, -13.5996



187.6910, 15.4353, -4.1140



186.7450, -16.6363, 16.0096

Square

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



187.6910, 15.4353, -4.1140



189.3520, -7.0755, 29.5093



184.4120, -14.9931, 2.2697



180.0710, 8.8390, -35.1423

Rectangle

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



187.6910, 15.4353, -4.1140



190.1690, 3.8607, 21.7768



184.4120, -14.9931, 2.2697



181.3470, -3.1291, -23.1063

Sweetspot

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



187.6910, 15.4353, -4.1140



244.0690, 5.3890, -1.8145



208.1220, 4.8699, -22.0320



120.9120, 3.4944, -0.7998



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.



187.6910, 15.4353, -4.1140



210.4010, 21.9873, -5.6137



192.1870, 13.2188, 6.8520



100.2540, 4.8048, -1.0998



22.6570, 74.1191, -19.8702



5.8310, 19.8033, -5.1138

Inverse Universe

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



193.8780, -4.8699, 22.0320



219.3630, -7.0810, 31.2536



209.8130, -13.2188, -6.8520



102.2890, -1.6215, 6.7625



52.2970, -23.3174, 105.8565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 187.6910, 15.4353, -4.1140 looks on a white background.

Color Contrast Check

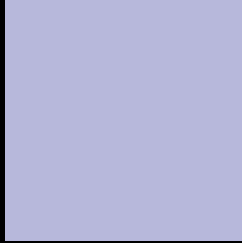
Large Text (above 18pt) WCAG AA × Fail

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 187.6910, 15.4353, -4.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

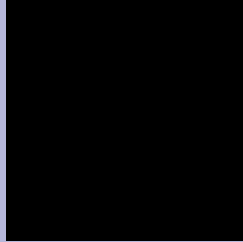
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 187.6910, 15.4353, -4.1140

Background



This preview shows how black text looks on a background with the YUV color 187.6910, 15.4353, -4.1140.



This preview shows how white text looks on a background with the YUV color 187.6910, 15.4353, -4.1140.

-4.1140.

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

187.6910, 15.4353, -4.1140

Protanopia

187.4950, 16.0250, -6.5731

Deuteranopia

188.3110, 15.1297, 0.6043



Tritanopia

186.6170, 7.5838, -5.8031

Trichromacy



Original Color

187.6910, 15.4353, -4.1140

Protanomaly

187.7940, 15.8776, -5.9583

Deuteranomaly

188.3000, 15.1351, -1.1401

Tritanomaly

187.0130, 10.3466, -5.2734

Monochromacy



Original Color

187.6910, 15.4353, -4.1140

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0690, 5.3890, -1.8145

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6910, 15.4353, -4.1140 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(183, 184, 219)` looks like.

```
.text, #text, p{  
    color:rgb(183, 184, 219)  
}
```

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(183, 184, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 184, 219) }
```

Border

The CSS property to change the border of an element to YUV 187.6910, 15.4353, -4.1140 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(183, 184, 219) }
```


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

```
.border{ border-color:rgb(183, 184, 219) }
```

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

Here you see how a box with a 4 pixel rgb(183, 184, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 184, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 184, 219);  
box-shadow:4px 4px 4px 4px rgb(183, 184,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 187.6910, 15.4353, -4.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 184, 219) }
```

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

```
.background{ background-color: rgb(183,  
184, 219) }
```

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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