

Converting Colors

YUV(214.5840, 11.0511, 2.1188)

Have a look what the booklet for
YUV(214.5840, 11.0511, 2.1188)
contains.

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Color

**YUV(214.5840, 11.0511,
2.1188)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D1ED
RGB	217, 209, 237
RGB Percent	85%, 82%, 93%
CMY	0.1490, 0.1804, 0.0706
CMYK	0.08, 0.12, 0.00, 0.07
HSL	257°, 44%, 87%
HSV	257°, 12%, 93%
XYZ	66.7018, 66.4671, 89.4346
YIQ	214.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

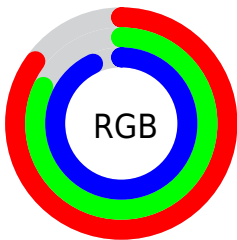
Format	Color
R _Y B	217, 209, 237
Decimal	14275053
CIE Lab	85.23, 7.97, -12.76
CIE LCh	85, 15.048, 301.997
Yxy	66.4671, 0.2996, 0.2986
Android (android.graphics.Color)	4292465133 (0xFFD9D1ED)
YUV	214.5840, 11.0511, 2.1188
Hunter-Lab	81.5273, 3.3674, -7.9714

Details

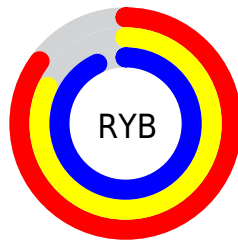
The YUV color $214.5840, 11.0511, 2.1188$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $231.4160, -11.0511, -2.1188$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $160.0570, 10.3249, 1.7040$ is the 20% darker color. If you saturate the color by 10%, you get $195.4130, 20.5024, 4.0228$, and if you desaturate by 10%, it is $233.7550, 1.5998, 0.2149$.

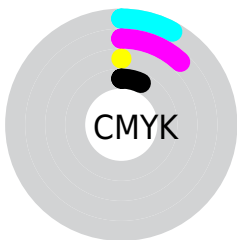
Distribution



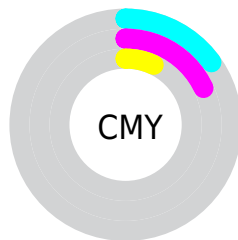
- Red (85%)
- Green (82%)
- Blue (93%)



- Red (85%)
- Yellow (82%)
- Blue (93%)



- Cyan (8%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.5840, 11.0511, 2.1188 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 214.5840, 11.0511, 2.1188 by changing the saturation by 10% instead.

■ 214.5840, 11.0511,
2.1188

■ 214.5840, 11.0511,
2.1188

255.0000, 0.0000,
0.0000

■ 186.5840, 11.0511,
2.1188

■ 160.0570, 10.3249,
1.7040

■ 133.9430, 9.8881,
1.8040

■ 108.5300, 9.5987,
1.2892

■ 84.4160, 9.1619,
1.3892

■ 61.0030, 8.8725,
0.8744

■ 38.8890, 8.4357,

0.9743

■ 18.1880, 8.2883,
1.5891

■ 1.2540, 4.8048,
-1.0998

■ 214.5840, 11.0511,
2.1188

■ 214.5840, 11.0511,
2.1188

■ 195.4130, 20.5024,
4.0228

■ 233.7550, 1.5998,
0.2149

■ 176.8290, 29.6643,
5.4120

■ 251.7520, -7.2727,
-0.6595

■ 157.6580, 39.1156,
7.3159

■ 252.9480, -7.8624,
1.7996

■ 138.4870, 48.5669,
9.2199

■ 119.3160, 58.0182,
11.1239

■ 100.7320, 67.1801,
12.5130

■ 81.5610, 76.6314,
14.4170

■ 62.6890, 85.9353,
16.9357

■ 47.3500, 93.4975,
18.1100

Harmonies

Analogous

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



212.5930, 14.0047, -11.9211



214.5840, 11.0511, 2.1188



215.8800, 5.4822, 15.0142

Triad

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



214.5840, 11.0511, 2.1188



214.0920, -12.8634, 19.2133



207.8290, 2.5493, -24.4060

Complementary

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



214.5840, 11.0511, 2.1188



231.4160, -11.0511, -2.1188

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.



209.2340, -5.0454, -15.1142



214.5840, 11.0511, 2.1188



212.5100, -13.5624, 10.0767

Square

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



214.5840, 11.0511, 2.1188



214.9770, -8.3697, 24.5762



211.1170, -10.9037, -2.7336



208.5280, 9.1067, -27.6501

Rectangle

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



214.5840, 11.0511, 2.1188



216.2460, 0.3717, 20.8323



211.1170, -10.9037, -2.7336



208.1560, -0.0769, -22.0618

Sweetspot

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



214.5840, 11.0511, 2.1188



247.0370, 3.9258, 0.8446



223.9320, 6.4425, -13.0954



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.



214.5840, 11.0511, 2.1188



226.0940, 14.2507, 2.5486



218.7700, 8.9874, 10.7257



108.1510, 4.3626, 0.7446



36.1820, 71.3953, 13.8724



10.6410, 21.3760, 3.8228

Inverse Universe

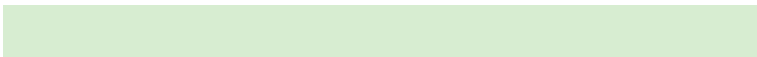
The Inverse Universe completely reimagines the original color for something new.



219.6520, 4.6086, 15.2142



232.7280, 6.0501, 19.5325



227.2300, -8.9874, -10.7257



110.2010, 1.8729, 5.9627



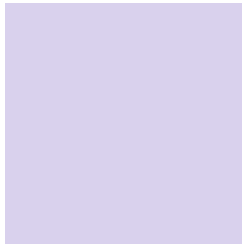
68.8250, 29.6663, 98.3775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 214.5840, 11.0511, 2.1188 looks on a white background.

Color Contrast Check

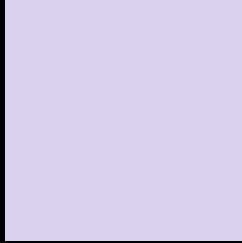
Large Text (above 18pt) WCAG AA × Fail

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 214.5840, 11.0511, 2.1188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

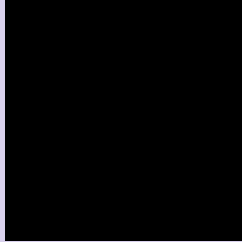
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 214.5840, 11.0511, 2.1188

Background



This preview shows how black text looks on a background with the YUV color 214.5840, 11.0511, 2.1188.



This preview shows how white text looks on a background with the YUV color 214.5840, 11.0511, 2.1188.

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

214.5840, 11.0511, 2.1188

Protanopia

213.4800, 12.0884, -3.9290

Deuteranopia

214.9050, 10.8928, 6.2223



Tritanopia

214.0200, 6.3991, 0.8595

Trichromacy



Original Color

214.5840, 11.0511, 2.1188

Protanomaly

213.7900, 11.9355, -1.5698

Deuteranomaly

214.8940, 10.8983, 4.4780

Tritanomaly

214.1880, 8.2883, 1.5891

Monochromacy



Original Color

214.5840, 11.0511, 2.1188

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.0370, 3.9258, 0.8446

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.5840, 11.0511, 2.1188 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(217, 209, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 237)  
}
```

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(217, 209, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 237) }
```

Border

The CSS property to change the border of an element to YUV 214.5840, 11.0511, 2.1188 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(217, 209, 237) }
```


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

```
.border{ border-color:rgb(217, 209, 237) }
```

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

Here you see how a box with a 4 pixel rgb(217, 209, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 214.5840, 11.0511, 2.1188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 237) }
```

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

```
.background{ background-color: rgb(217,  
209, 237) }
```

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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