

Converting Colors

YUV(209.4360, 15.5611, 2.2486)

Have a look what the booklet for
YUV(209.4360, 15.5611, 2.2486)
contains.

YUV(209.4360, 15.5611, 2.2486)	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(209.4360, 15.5611,
2.2486)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CAF1
RGB	212, 202, 241
RGB Percent	83%, 79%, 95%
CMY	0.1686, 0.2078, 0.0549
CMYK	0.12, 0.16, 0.00, 0.05
HSL	255°, 58%, 87%
HSV	255°, 16%, 95%
XYZ	64.1491, 62.5890, 91.9189
YIQ	209.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

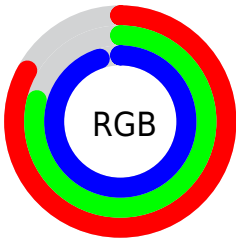
Format	Color
R _Y B	212, 202, 241
Decimal	13945585
CIE Lab	83.23, 10.89, -17.94
CIE LCh	83, 20.988, 301.251
Yxy	62.5890, 0.2934, 0.2862
Android (android.graphics.Color)	4292135665 (0xFFD4CAF1)
YUV	209.4360, 15.5611, 2.2486
Hunter-Lab	79.1132, 6.2890, -13.5078

Details

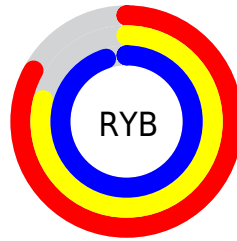
The YUV color $209.4360, 15.5611, 2.2486$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $233.5640, -15.5611, -2.2486$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $154.9090, 14.8349, 1.8338$ is the 20% darker color. If you saturate the color by 10%, you get $189.9660, 25.1598, 3.5378$, and if you desaturate by 10%, it is $228.9060, 5.9623, 0.9594$.

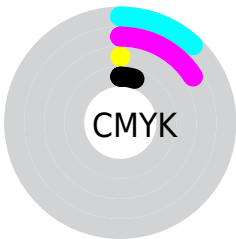
Distribution



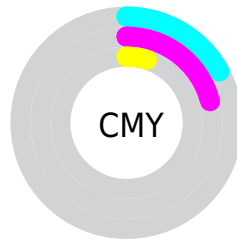
- Red (83%)
- Green (79%)
- Blue (95%)



- Red (83%)
- Yellow (79%)
- Blue (95%)



- Cyan (12%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.4360, 15.5611, 2.2486 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 209.4360, 15.5611, 2.2486 by changing the saturation by 10% instead.

■ 209.4360, 15.5611,
2.2486

■ 209.4360, 15.5611,
2.2486

255.0000, 0.0000,
0.0000

■ 182.0230, 15.2717,
1.7338

■ 154.9090, 14.8349,
1.8338

■ 128.7950, 14.3981,
1.9338

■ 103.3820, 14.1087,
1.4190

■ 79.7410, 12.9457,
1.1041

■ 56.6270, 12.5089,
1.2041

■ 34.8010, 11.9301,

0.1745

■ 11.9370, 12.3561,
3.5633

■ 2.2970, 6.2626,
-2.0145

■ 209.4360, 15.5611,
2.2486

■ 209.4360, 15.5611,
2.2486

■ 189.9660, 25.1598,
3.5378

■ 228.9060, 5.9623,
0.9594

■ 170.4960, 34.7585,
4.8270

■ 248.3760, -3.6364,
-0.3298

■ 151.0260, 44.3572,
6.1162

■ 253.4040, -6.1152,
1.3997

■ 131.5560, 53.9559,
7.4054

■ 112.0860, 63.5546,
8.6946

■ 92.0290, 73.4427,
10.4986

■ 72.8580, 82.8940,
12.4025

■ 53.3880, 92.4927,
13.6917

■ 46.0120, 96.1291,
14.0215

Harmonies

Analogous

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



206.3410, 19.5519, -17.8391



209.4360, 15.5611, 2.2486



210.8960, 7.9393, 20.2622

Triad

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



209.4360, 15.5611, 2.2486



208.5830, -17.5424, 26.6757



199.9910, 3.4554, -35.0721

Complementary

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



209.4360, 15.5611, 2.2486



233.5640, -15.5611, -2.2486

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.



202.0330, -6.9183, -21.0769



209.4360, 15.5611, 2.2486



206.4520, -18.9568, 13.6356

Square

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



209.4360, 15.5611, 2.2486



210.0490, -10.8702, 33.2830



203.9660, -15.2662, -3.4782



199.8900, 13.3652, -40.2455

Rectangle

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



209.4360, 15.5611, 2.2486



211.2300, 1.3656, 28.7393



203.9660, -15.2662, -3.4782



200.2150, 0.3870, -30.8836

Sweetspot

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



209.4360, 15.5611, 2.2486



244.6780, 5.0887, 1.1594



223.4690, 8.6428, -18.8283



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.



209.4360, 15.5611, 2.2486



216.0600, 19.1974, 2.5784



215.1170, 12.7603, 13.9294



110.2650, 4.7994, 0.6446



35.0290, 73.4427, 10.4986



10.5700, 22.3970, 3.0081

Inverse Universe

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



216.9670, 6.9183, 21.0769



225.4560, 8.6492, 25.9101



227.8830, -12.7603, -13.9294



112.6140, 2.1623, 6.4775



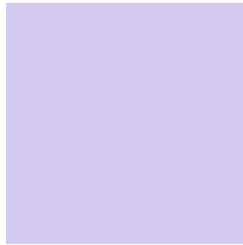
70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 209.4360, 15.5611, 2.2486 looks on a white background.

Color Contrast Check

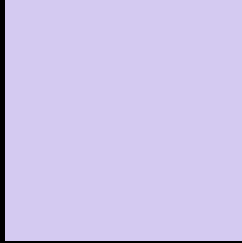
Large Text (above 18pt) WCAG AA × Fail

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 209.4360, 15.5611, 2.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

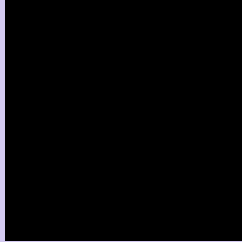
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.4360, 15.5611, 2.2486

Background



This preview shows how black text looks on a background with the YUV color 209.4360, 15.5611, 2.2486.



This preview shows how white text looks on a background with the YUV color 209.4360, 15.5611,

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

209.4360, 15.5611, 2.2486

Protanopia

208.4240, 17.0460, -7.3878

Deuteranopia

209.1370, 15.7085, 1.6339



Tritanopia

208.1340, 6.8359, 0.7595

Trichromacy



Original Color

209.4360, 15.5611, 2.2486

Protanomaly

208.9190, 16.3089, -4.3140

Deuteranomaly

209.1370, 15.7085, 1.6339

Tritanomaly

208.6440, 10.0355, 1.1892

Monochromacy



Original Color

209.4360, 15.5611, 2.2486

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.4360, 15.5611, 2.2486 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(212, 202, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 241)  
}
```

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(212, 202, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 241) }
```

Border

The CSS property to change the border of an element to YUV 209.4360, 15.5611, 2.2486 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(212, 202, 241) }
```


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

```
.border{ border-color:rgb(212, 202, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 209.4360, 15.5611, 2.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 241) }
```

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

```
.background{ background-color: rgb(212,  
202, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor