

Converting Colors

YUV(213.6010, 8.5777, 2.1039)

Have a look what the booklet for
YUV(213.6010, 8.5777, 2.1039)
contains.

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Color

**YUV(213.6010, 8.5777,
2.1039)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D1E7
RGB	216, 209, 231
RGB Percent	85%, 82%, 91%
CMY	0.1529, 0.1804, 0.0941
CMYK	0.06, 0.10, 0.00, 0.09
HSL	259°, 31%, 86%
HSV	259°, 10%, 91%
XYZ	65.5432, 65.9694, 84.8802
YIQ	213.6010, -2.8900, 8.3260

Conversions

Conversions Part 2

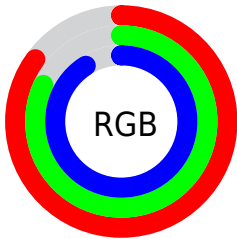
Format	Color
R _Y B	216, 209, 231
Decimal	14209511
CIE Lab	84.98, 6.48, -9.96
CIE LCh	85, 11.884, 303.029
Yxy	65.9694, 0.3029, 0.3049
Android (android.graphics.Color)	4292399591 (0xFFD8D1E7)
YUV	213.6010, 8.5777, 2.1039
Hunter-Lab	81.2215, 1.9061, -5.1057

Details

The YUV color `213.6010, 8.5777, 2.1039` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `226.3990, -8.5777, -2.1039`, 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 `159.0740, 7.8515, 1.6891` is the 20% darker color. If you saturate the color by 10%, you get `195.3160, 17.5922, 4.1079`, and if you desaturate by 10%, it is `231.8860, -0.4368, 0.1000`.

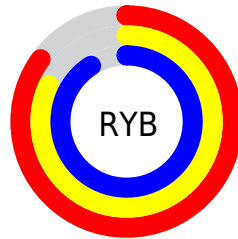
Distribution



Red (85%)

Green (82%)

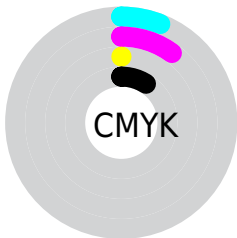
Blue (91%)



Red (85%)

Yellow (82%)

Blue (91%)

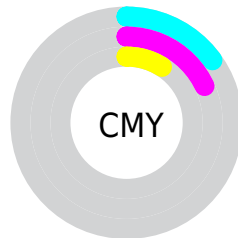


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.6010, 8.5777, 2.1039 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 213.6010, 8.5777, 2.1039 by changing the saturation by 10% instead.

■ 213.6010, 8.5777,
2.1039

■ 213.6010, 8.5777,
2.1039

255.0000, 0.0000,
0.0000

■ 185.6010, 8.5777,
2.1039

■ 159.0740, 7.8515,
1.6891

■ 133.0740, 7.8515,
1.6891

■ 107.9600, 7.4147,
1.7891

■ 83.5470, 7.1253,
1.2743

■ 60.4330, 6.6885,
1.3743

■ 38.4330, 6.6885,

1.3743

■ 17.7320, 6.5411,
1.9890

■ 0.3420, 1.3104,
-0.2999

■ 213.6010, 8.5777,
2.1039

■ 213.6010, 8.5777,
2.1039

■ 195.3160, 17.5922,
4.1079

■ 231.8860, -0.4368,
0.1000

■ 177.3300, 26.4593,
6.7266

■ 250.1710, -9.4513,
-1.9040

■ 159.0450, 35.4738,
8.7305

■ 252.2640,
-10.4832, 2.3995

■ 140.7600, 44.4883,
10.7345

■ 122.4750, 53.5028,
12.7384

■ 103.9020, 62.6593,
15.8719

■ 85.6170, 71.6738,
17.8759

■ 67.3320, 80.6883,
19.8798

■ 49.0470, 89.7028,
21.8838

Harmonies

Analogous

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



212.1050, 10.7942, -8.8621



213.6010, 8.5777, 2.1039



214.5160, 4.1826, 11.8255

Triad

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



213.6010, 8.5777, 2.1039



213.1670, -9.9423, 15.6395



208.7480, 2.0962, -19.0730

Complementary

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



213.6010, 8.5777, 2.1039



226.3990, -8.5777, -2.1039

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.



209.2990, -3.5984, -12.5402



213.6010, 8.5777, 2.1039



211.8840, -10.7888, 7.1177

Square

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



213.6010, 8.5777, 2.1039



214.2860, -7.0430, 19.0432



210.3990, -8.5777, -2.1039



208.5180, 7.6326, -21.5023

Rectangle

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



213.6010, 8.5777, 2.1039



214.8110, 0.0932, 16.8288



210.3990, -8.5777, -2.1039



208.8900, 0.0542, -17.4435

Sweetspot

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



213.6010, 8.5777, 2.1039



248.8090, 3.0522, 1.0445



220.3130, 5.2687, -9.9215



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.



213.6010, 8.5777, 2.1039



232.8830, 10.9037, 2.7336



216.8900, 6.9562, 8.8665



105.5640, 4.6519, 1.2594



37.4490, 69.7846, 17.1462



10.5980, 19.9182, 4.7376

Inverse Universe

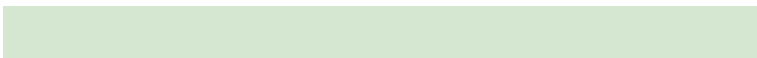
The Inverse Universe completely reimagines the original color for something new.



217.2880, 3.3090, 12.0254



237.5380, 4.1718, 15.3142



223.1100, -6.9562, -8.8665



107.5000, 1.7255, 6.5775



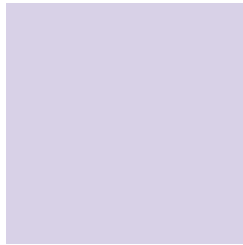
67.4290, 26.9035, 97.8478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 213.6010, 8.5777, 2.1039 looks on a white background.

Color Contrast Check

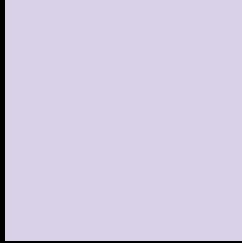
Large Text (above 18pt) WCAG AA × Fail

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 213.6010, 8.5777, 2.1039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

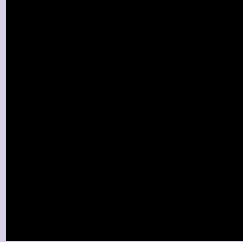
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.6010, 8.5777, 2.1039

Background



This preview shows how black text looks on a background with the YUV color 213.6010, 8.5777, 2.1039.



This preview shows how white text looks on a background with the YUV color 213.6010, 8.5777,

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

213.6010, 8.5777, 2.1039

Protanopia

213.0950, 9.3202, -2.7143

Deuteranopia

214.3460, 8.7034, 8.4666



Tritanopia

213.3190, 6.2517, 1.4742

Trichromacy



Original Color

213.6010, 8.5777, 2.1039

Protanomaly

213.1060, 9.3147, -0.9700

Deuteranomaly

214.0360, 8.8563, 6.1074

Tritanomaly

213.5470, 7.1253, 1.2743

Monochromacy



Original Color

213.6010, 8.5777, 2.1039

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8090, 3.0522, 1.0445

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.6010, 8.5777, 2.1039 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(216, 209, 231)` looks like.

```
.text, #text, p{  
    color:rgb(216, 209, 231)  
}
```

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(216, 209, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 209, 231) }
```

Border

The CSS property to change the border of an element to YUV 213.6010, 8.5777, 2.1039 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(216, 209, 231) }
```


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

```
.border{ border-color:rgb(216, 209, 231) }
```

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

Here you see how a box with a 4 pixel rgb(216, 209, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 209, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 209, 231);  
box-shadow:4px 4px 4px 4px rgb(216, 209,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 213.6010, 8.5777, 2.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 209, 231) }
```

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

```
.background{ background-color: rgb(216,  
209, 231) }
```

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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