

Converting Colors

YUV(203.8100, 14.8837,
-13.8654)

Have a look what the booklet for
YUV(203.8100, 14.8837, -13.8654)
contains.

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Color

**YUV(203.8100, 14.8837,
-13.8654)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCEEA
RGB	188, 206, 234
RGB Percent	74%, 81%, 92%
CMY	0.2627, 0.1922, 0.0824
CMYK	0.20, 0.12, 0.00, 0.08
HSL	217°, 52%, 83%
HSV	217°, 20%, 92%
XYZ	57.6616, 60.7745, 86.5335
YIQ	203.8100, -19.7160, 4.8920

Conversions

Conversions Part 2

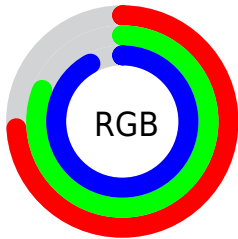
Format	Color
R _Y B	188, 201, 234
Decimal	12373738
CIE Lab	82.26, -0.25, -15.85
CIE LCh	82, 15.848, 269.092
Yxy	60.7745, 0.2813, 0.2965
Android (android.graphics.Color)	4290563818 (0xFFBCCEEA)
YUV	203.8100, 14.8837, -13.8654
Hunter-Lab	77.9580, -4.3990, -11.2414

Details

The YUV color $203.8100, 14.8837, -13.8654$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $218.1900, -14.8837, 13.8654$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $149.5820, 14.0101, -13.6654$ is the 20% darker color. If you saturate the color by 10%, you get $188.7150, 22.3255, -20.7981$, and if you desaturate by 10%, it is $218.9050, 7.4418, -6.9327$.

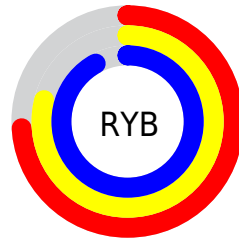
Distribution



Red (74%)

Green (81%)

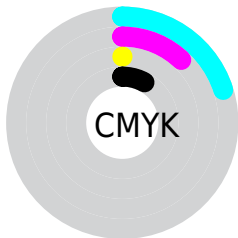
Blue (92%)



Red (74%)

Yellow (79%)

Blue (92%)

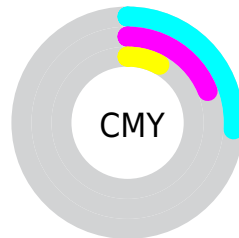


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (19%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8100, 14.8837, -13.8654 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 203.8100, 14.8837, -13.8654 by changing the saturation by 10% instead.

■ 203.8100, 14.8837,
-13.8654

■ 203.8100, 14.8837,
-13.8654

255.0000, 0.0000,
0.0000

■ 176.6960, 14.4469,
-13.7654

■ 252.0100, 1.4741,
-6.1478

■ 149.5820, 14.0101,
-13.6654

■ 123.4680, 13.5733,
-13.5654

■ 98.4680, 13.5733,
-13.5654

■ 74.3540, 13.1365,
-13.4655

■ 51.2400, 12.6997,
-13.3655

■ 29.1150, 12.2683,

-15.0099

■ 9.6320, 11.5204,
-8.4473

■ 0.6840, 2.6208,
-0.5999

■ 203.8100, 14.8837,
-13.8654

■ 203.8100, 14.8837,
-13.8654

■ 188.7150, 22.3255,
-20.7981

■ 218.9050, 7.4418,
-6.9327

■ 173.3210, 29.9147,
-28.3455

■ 234.2990, -0.1474,
0.6148

■ 157.6390, 37.6460,
-34.7634

■ 249.0840, -7.4364,
5.1883

■ 142.2450, 45.2352,
-42.3109

■ 252.6060, -9.1728,
2.0995

■ 127.1500, 52.6771,
-49.2435

■ 112.0550, 60.1189,
-56.1762

■ 96.0740, 67.9975,
-63.2089

■ 80.9790, 75.4394,
-70.1416

■ 80.6800, 75.5868,
-70.7564

Harmonies

Analogous

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



201.2170, 14.1900, -24.7463



203.8100, 14.8837, -13.8654



206.2140, 12.2195, 0.6893

Triad

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



203.8100, 14.8837, -13.8654



206.8030, -7.7909, 25.6058



201.0060, -5.9190, -14.9143

Complementary

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



203.8100, 14.8837, -13.8654



218.1900, -14.8837, 13.8654

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.



202.6010, -11.6353, -1.4041



203.8100, 14.8837, -13.8654



206.1030, -12.8688, 20.9577

Square

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



203.8100, 14.8837, -13.8654



207.9150, -0.9441, 22.8765



203.9940, -14.2940, 11.4063



199.4160, 2.2599, -24.9208

Rectangle

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



203.8100, 14.8837, -13.8654



207.2430, 8.2612, 10.3109



203.9940, -14.2940, 11.4063



201.4580, -8.1138, -10.9257

Sweetspot

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



203.8100, 14.8837, -13.8654



245.2320, 4.8156, -4.5885



218.1940, -1.0816, -26.4801



121.7870, 3.0630, -2.4442



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.



203.8100, 14.8837, -13.8654



215.0420, 19.6993, -18.4538



194.7390, 19.3557, -1.5251



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Inverse Universe

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



203.8060, 1.0816, 26.4801



214.9750, 1.4913, 35.1019



227.2610, -19.3557, 1.5251



109.7450, 0.1257, 6.3626



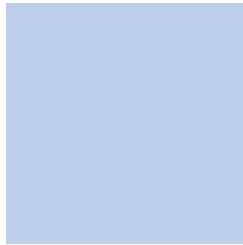
62.2130, 4.3320, 104.1762



18.5400, 1.2128, 31.0984

Previews

White Background



This preview shows how the YUV color 203.8100, 14.8837, -13.8654 looks on a white background.

Color Contrast Check

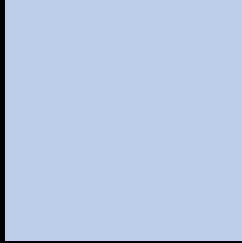
Large Text (above 18pt) WCAG AA × Fail

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 203.8100, 14.8837, -13.8654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

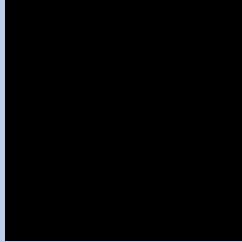
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

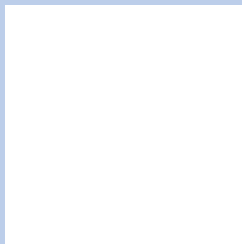
Any Text WCAG AAA ✓ Pass

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

YUV 203.8100, 14.8837, -13.8654 Background



This preview shows how black text looks on a background with the YUV color 203.8100, 14.8837, -13.8654.



This preview shows how white text looks on a background with the YUV color 203.8100, 14.8837, -13.8654.

-13.8654.

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

203.8100, 14.8837, -13.8654

Protanopia

205.4090, 13.1094, -4.7437

Deuteranopia

206.0940, 14.2507, 2.5486



Tritanopia

203.2460, 10.2317, -15.1247

Trichromacy



Original Color

203.8100, 14.8837, -13.8654

Protanomaly

204.9140, 13.8464, -7.8176

Deuteranomaly

205.4630, 14.5617, -3.9141

Tritanomaly

203.4140, 12.1209, -14.3951

Monochromacy



Original Color

203.8100, 14.8837, -13.8654

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0470, 5.3998, -5.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8100, 14.8837, -13.8654 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(188, 206, 234)` looks like.

```
.text, #text, p{  
    color:rgb(188, 206, 234)  
}
```

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(188, 206, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 206, 234) }
```

Border

The CSS property to change the border of an element to YUV 203.8100, 14.8837, -13.8654 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(188, 206, 234) }
```


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

```
.border{ border-color:rgb(188, 206, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 206, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 206, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 206, 234);  
box-shadow:4px 4px 4px 4px rgb(188, 206,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 203.8100, 14.8837, -13.8654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 206, 234) }
```

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

```
.background{ background-color: rgb(188,  
206, 234) }
```

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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