

Converting Colors

YUV(204.0880, 13.2676,
-8.8472)

Have a look what the booklet for
YUV(204.0880, 13.2676, -8.8472)
contains.

YUV(204.0880, 13.2676, -8.8472)	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(204.0880, 13.2676,
-8.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CCE7
RGB	194, 204, 231
RGB Percent	76%, 80%, 91%
CMY	0.2392, 0.2000, 0.0941
CMYK	0.16, 0.12, 0.00, 0.09
HSL	224°, 44%, 83%
HSV	224°, 16%, 91%
XYZ	58.2648, 60.4246, 84.1935
YIQ	204.0880, -14.6270, 6.2770

Conversions

Conversions Part 2

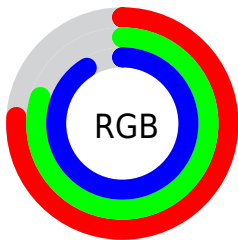
Format	Color
RYB	194, 202, 231
Decimal	12766439
CIELab	82.07, 2.03, -14.49
CIElCh	82, 14.629, 277.992
Yxy	60.4246, 0.2872, 0.2978
Android (android.graphics.Color)	4290956519 (0xFFC2CCE7)
YUV	204.0880, 13.2676, -8.8472
Hunter-Lab	77.7333, -2.2389, -9.8042

Details

The YUV color `204.0880, 13.2676, -8.8472` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `220.9120, -13.2676, 8.8472`, and the grayscale version is `204.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `253.8040, 0.5896, -2.4591`, and `149.8600, 12.3940, -8.6472` is the 20% darker color. If you saturate the color by 10%, you get `187.2320, 21.5776, -14.2355`, and if you desaturate by 10%, it is `220.9440, 4.9576, -3.4589`.

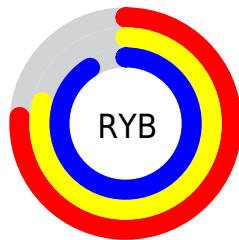
Distribution



Red (76%)

Green (80%)

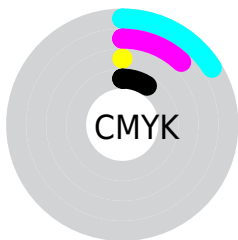
Blue (91%)



Red (76%)

Yellow (79%)

Blue (91%)

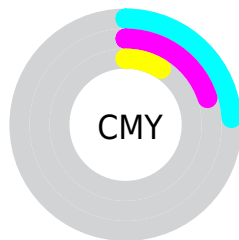


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (9%)



Cyan (24%)

Magenta (20%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.0880, 13.2676, -8.8472 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 204.0880, 13.2676, -8.8472 by changing the saturation by 10% instead.

■ 204.0880, 13.2676,
-8.8472

■ 204.0880, 13.2676,
-8.8472

255.0000, 0.0000,
0.0000

■ 176.9740, 12.8308,
-8.7472

■ 253.8040, 0.5896,
-2.4591

■ 149.8600, 12.3940,
-8.6472

■ 123.8600, 12.3940,
-8.6472

■ 98.7460, 11.9572,
-8.5472

■ 74.9310, 11.3730,
-7.8325

■ 52.4040, 10.6468,
-8.2473

■ 30.5780, 10.0680,

-9.2769

■ 7.6430, 11.5150,
-6.7029

■ 0.2280, 0.8736,
-0.2000

■ 204.0880, 13.2676,
-8.8472

■ 204.0880, 13.2676,
-8.8472

■ 187.2320, 21.5776,
-14.2355

■ 220.9440, 4.9576,
-3.4589

■ 170.3760, 29.8876,
-19.6238

■ 237.8000, -3.3524,
1.9294

■ 153.5200, 38.1976,
-25.0120

■ 252.2640,
-10.4832, 2.3995

■ 137.2510, 46.2183,
-30.9151

■ 120.0960, 54.6757,
-36.9182

■ 103.2400, 62.9857,
-42.3065

■ 86.3840, 71.2957,
-47.6948

■ 69.5280, 79.6057,
-53.0831

■ 62.7280, 82.9581,
-55.0125

Harmonies

Analogous

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



201.4240, 13.5950, -20.5428



204.0880, 13.2676, -8.8472



205.6660, 10.0247, 4.6779

Triad

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



204.0880, 13.2676, -8.8472



205.8520, -8.8010, 22.9318



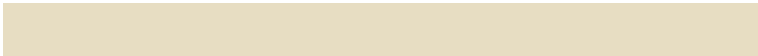
199.9780, -3.4402, -16.6437

Complementary

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



204.0880, 13.2676, -8.8472



220.9120, -13.2676, 8.8472

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.



201.4480, -9.5879, -4.7779



204.0880, 13.2676, -8.8472



205.0810, -12.8579, 17.4690

Square

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



204.0880, 13.2676, -8.8472



207.0460, -2.9807, 22.7617



203.0150, -12.8254, 7.0028



199.1710, 3.8597, -24.7060

Rectangle

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



204.0880, 13.2676, -8.8472



206.6840, 6.0718, 12.5551



203.0150, -12.8254, 7.0028



201.0170, -5.9244, -13.1699

Sweetspot

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



204.0880, 13.2676, -8.8472



245.8300, 4.5208, -3.3589



218.7970, 1.0861, -21.7470



122.0860, 2.9156, -1.8294



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.



204.0880, 13.2676, -8.8472



220.1030, 17.2042, -11.4913



200.6100, 14.9823, 1.2190



106.1290, 4.3734, -2.7441



48.5820, 64.2961, -42.6064



14.0320, 18.2252, -12.3061

Inverse Universe

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



206.2030, -1.0861, 21.7470



222.8340, -1.3972, 28.2096



224.3900, -14.9823, -1.2190



106.9300, -0.4585, 7.0774



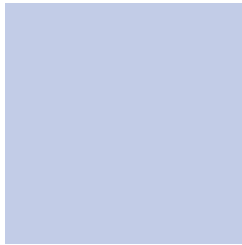
58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 204.0880, 13.2676, -8.8472 looks on a white background.

Color Contrast Check

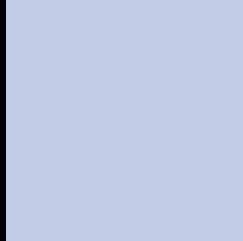
Large Text (above 18pt) WCAG AA × Fail

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 204.0880, 13.2676, -8.8472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

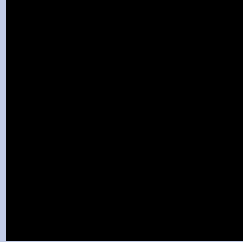
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.0880, 13.2676, -8.8472

Background



This preview shows how black text looks on a background with the YUV color 204.0880, 13.2676, -8.8472.



This preview shows how white text looks on a background with the YUV color 204.0880, 13.2676, -8.8472.

-8.8472.

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

204.0880, 13.2676, -8.8472

Protanopia

204.5940, 12.5252, -4.0289

Deuteranopia

206.0510, 12.7929, 3.4633



Tritanopia

203.6380, 9.0525, -10.2065

Trichromacy



Original Color

204.0880, 13.2676, -8.8472

Protanomaly

204.5830, 12.5306, -5.7733

Deuteranomaly

205.4310, 13.0985, -1.2550

Tritanomaly

203.6920, 10.5048, -9.3769

Monochromacy



Original Color

204.0880, 13.2676, -8.8472

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

203.9440, 4.9576, -3.4589

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.0880, 13.2676, -8.8472 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(194, 204, 231)` looks like.

```
.text, #text, p{  
    color:rgb(194, 204, 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(194, 204, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 204, 231) }
```

Border

The CSS property to change the border of an element to YUV 204.0880, 13.2676, -8.8472 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(194, 204, 231) }
```


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

```
.border{ border-color:rgb(194, 204, 231) }
```

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

Here you see how a box with a 4 pixel rgb(194, 204, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 204, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 204, 231);  
box-shadow:4px 4px 4px 4px rgb(194, 204,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 204.0880, 13.2676, -8.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 204, 231) }
```

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

```
.background{ background-color: rgb(194,  
204, 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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