

Converting Colors

YUV(200.8370, 13.8844,
-20.0280)

Have a look what the booklet for
YUV(200.8370, 13.8844, -20.0280)
contains.

YUV(200.8370, 13.8844, -20.0280)	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(200.8370, 13.8844,
-20.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CFE5
RGB	178, 207, 229
RGB Percent	70%, 81%, 90%
CMY	0.3020, 0.1882, 0.1020
CMYK	0.22, 0.10, 0.00, 0.10
HSL	206°, 50%, 80%
HSV	206°, 22%, 90%
XYZ	54.8158, 59.7478, 82.7721
YIQ	200.8370, -24.3460, 0.6940

Conversions

Conversions Part 2

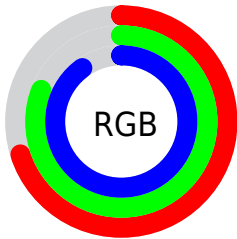
Format	Color
R _Y B	178, 196, 229
Decimal	11718629
CIE Lab	81.70, -4.93, -14.08
CIE LCh	82, 14.921, 250.691
Yxy	59.7478, 0.2778, 0.3028
Android (android.graphics.Color)	4289908709 (0xFFB2CFE5)
YUV	200.8370, 13.8844, -20.0280
Hunter-Lab	77.2967, -8.6840, -9.3822

Details

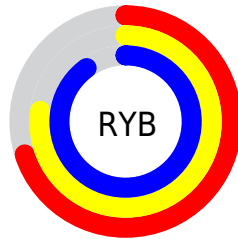
The YUV color $200.8370, 13.8844, -20.0280$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $206.1630, -13.8844, 20.0280$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, 3.0955, -12.9103$, and $146.7230, 13.4476, -19.9281$ is the 20% darker color. If you saturate the color by 10%, you get $188.0900, 20.1686, -29.0199$, and if you desaturate by 10%, it is $213.5840, 7.6001, -11.0362$.

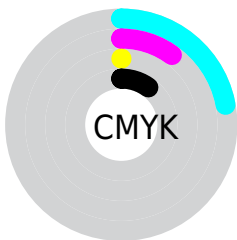
Distribution



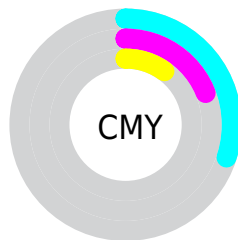
- Red (70%)
- Green (81%)
- Blue (90%)



- Red (70%)
- Yellow (77%)
- Blue (90%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (19%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8370, 13.8844, -20.0280 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 200.8370, 13.8844, -20.0280 by changing the saturation by 10% instead.

■ 200.8370, 13.8844,
-20.0280

■ 200.8370, 13.8844,
-20.0280

255.0000, 0.0000,
0.0000

■ 173.1360, 13.7370,
-19.4133

■ 248.7210, 3.0955,
-12.9103

■ 146.7230, 13.4476,
-19.9281

■ 120.9080, 12.8634,
-19.2133

■ 95.7940, 12.4266,
-19.1133

■ 71.6800, 11.9898,
-19.0134

■ 48.3810, 12.1372,
-19.6281

■ 25.6580, 12.0006,

-22.5021

■ 9.7630, 9.4838,
-8.5622

■ 0.0000, 0.0000,
0.0000

■ 200.8370, 13.8844,
-20.0280

■ 200.8370, 13.8844,
-20.0280

■ 188.0900, 20.1686,
-29.0199

■ 213.5840, 7.6001,
-11.0362

■ 175.3430, 26.4529,
-38.0118

■ 226.3310, 1.3158,
-2.0443

■ 162.5960, 32.7372,
-47.0037

■ 239.0780, -4.9685,
6.9476

■ 149.8490, 39.0214,
-55.9956

■ 247.3400, -9.0416,
6.7178

■ 137.6890, 45.0163,
-65.5023

■ 252.0360,
-11.3567, 2.5994

■ 125.2410, 51.1532,
-73.8794

■ 112.4940, 57.4375,
-82.8712

■ 102.4160, 62.4059,
-89.8188

Harmonies

Analogous

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



198.6960, 10.9959, -26.9204



200.8370, 13.8844, -20.0280



203.3870, 13.1202, -8.2324

Triad

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



200.8370, 13.8844, -20.0280



206.1170, -4.0017, 23.5764



200.5510, -9.1456, -6.6222

Complementary

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



200.8370, 13.8844, -20.0280



206.1630, -13.8844, 20.0280

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.



202.3030, -12.9674, 5.8733



200.8370, 13.8844, -20.0280



204.6240, -9.6746, 23.1318

Square

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



200.8370, 13.8844, -20.0280



206.3210, 3.2927, 17.2585



203.6680, -13.1473, 16.9542



199.0810, -2.9979, -18.4880

Rectangle

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



200.8370, 13.8844, -20.0280



204.2850, 11.1985, 1.5041



203.6680, -13.1473, 16.9542



201.4160, -11.0511, -2.1188

Sweetspot

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



200.8370, 13.8844, -20.0280



244.9220, 4.9685, -6.9476



210.3310, -5.5862, -28.3543



121.7760, 3.0684, -4.1886



0.0000, 0.0000, 0.0000



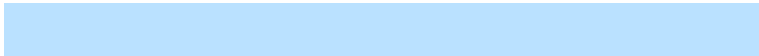
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



200.8370, 13.8844, -20.0280



216.7590, 18.8528, -26.9756



186.1620, 21.1191, -7.1581



108.4770, 3.2158, -4.8033



79.6930, 48.9584, -69.8908



22.8370, 13.8844, -20.0280

Inverse Universe

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



196.5550, 5.1494, 28.4543



211.0770, 6.8640, 38.5205



220.8380, -21.1191, 7.1581



107.3860, 1.2887, 6.6775



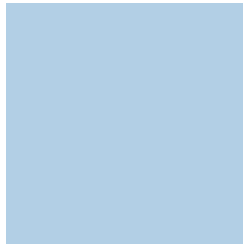
65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 200.8370, 13.8844, -20.0280 looks on a white background.

Color Contrast Check

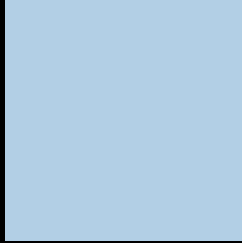
Large Text (above 18pt) WCAG AA × Fail

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 200.8370, 13.8844, -20.0280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

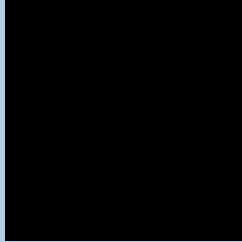
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

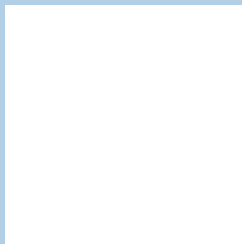
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 200.8370, 13.8844, -20.0280

Background



This preview shows how black text looks on a background with the YUV color 200.8370, 13.8844, -20.0280.



This preview shows how white text looks on a background with the YUV color 200.8370, 13.8844, -20.0280.

-20.0280.

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

200.8370, 13.8844, -20.0280

Protanopia

203.4370, 10.6306, -3.0142

Deuteranopia

205.0510, 12.7929, 3.4633



Tritanopia

200.5550, 11.5584, -20.6577

Trichromacy



Original Color

200.8370, 13.8844, -20.0280

Protanomaly

202.3330, 11.6678, -9.0620

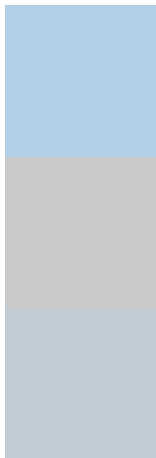
Deuteranomaly

203.4090, 13.1094, -4.7437

Tritanomaly

200.7830, 12.4320, -20.8577

Monochromacy



Original Color

200.8370, 13.8844, -20.0280

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.9220, 4.9685, -6.9476

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8370, 13.8844, -20.0280 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(178, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(178, 207, 229)  
}
```

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(178, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 207, 229) }
```

Border

The CSS property to change the border of an element to YUV 200.8370, 13.8844, -20.0280 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(178, 207, 229) }
```


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

```
.border{ border-color:rgb(178, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(178, 207,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 200.8370, 13.8844, -20.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 207, 229) }
```

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

```
.background{ background-color: rgb(178,  
207, 229) }
```

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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