

Converting Colors

YUV(200.8810, -63.5383,
-13.9276)

Have a look what the booklet for
YUV(200.8810, -63.5383, -13.9276)
contains.

YUV(200.8810, -63.5383, -13.9276)	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(200.8810, -63.5383,
-13.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EA48
RGB	185, 234, 72
RGB Percent	73%, 92%, 28%
CMY	0.2745, 0.0824, 0.7176
CMYK	0.21, 0.00, 0.69, 0.08
HSL	78°, 79%, 60%
HSV	78°, 69%, 92%
XYZ	50.6001, 69.6278, 16.9035
YIQ	200.8810, 22.7980, -60.7700

Conversions

Conversions Part 2

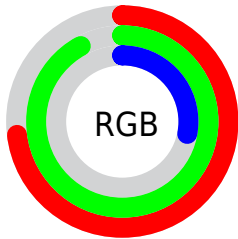
Format	Color
RYB	72, 234, 121
Decimal	12184136
CIELab	86.81, -37.93, 69.78
CIELCh	87, 79.417, 118.527
Yxy	69.6278, 0.3690, 0.5077
Android (android.graphics.Color)	4290374216 (0xFFB9EA48)
YUV	200.8810, -63.5383, -13.9276
Hunter-Lab	83.4433, -37.7831, 46.3996

Details

The YUV color **200.8810, -63.5383, -13.9276** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **105.1190, 63.5383, 13.9276**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.3470, -53.4151, 5.8347**, and **142.7580, -70.3797, -12.9428** is the 20% darker color. If you saturate the color by 10%, you get **196.1660, -72.5528, -15.9316**, and if you desaturate by 10%, it is **205.5960, -54.5238, -11.9237**.

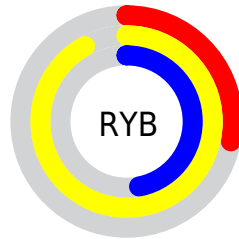
Distribution



Red (73%)

Green (92%)

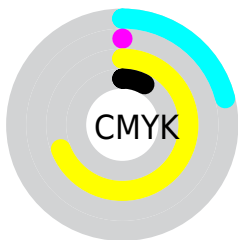
Blue (28%)



Red (28%)

Yellow (92%)

Blue (47%)

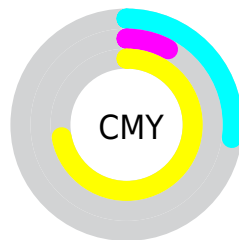


Cyan (21%)

Magenta (0%)

Yellow (69%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.8810, -63.5383, -13.9276 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 200.8810, -63.5383, -13.9276 by changing the saturation by 10% instead.

■ 200.8810,
-63.5383, -13.9276

■ 200.8810,
-63.5383, -13.9276

■ 255.0000, 0.0000,
0.0000

■ 172.1260,
-65.1381, -14.1425

■ 237.3470,
-53.4151, 5.8347

■ 142.7580,
-70.3797, -12.9428

■ 243.8280,
-42.8062, 9.7978

■ 118.2380,
-58.2913, -16.8717

■ 247.1340,
-30.1391, 6.8985

■ 94.6040, -46.6398,
-20.7007

■ 250.4400,
-17.4719, 3.9991

■ 71.2580, -35.1302,
-25.6593

■ 253.8600, -4.3680,
0.9998

■ 44.3240, -21.8517,
-37.9951

■ 30.5240, -15.0483,

-26.7695

■ 18.7840, -9.2605,
-16.4736

■ 0.0000, 0.0000,
0.0000

■ 200.8810,
-63.5383, -13.9276

■ 200.8810,
-63.5383, -13.9276

■ 196.1660,
-72.5528, -15.9316

■ 205.5960,
-54.5238, -11.9237

■ 191.3370,
-82.0041, -17.8355

■ 210.4250,
-45.0725, -10.0197

■ 186.6220,
-91.0186, -19.8395

■ 215.1400,
-36.0580, -8.0158

■ 186.0950,
-91.7448, -20.2543

■ 219.9690,
-26.6067, -6.1118

■ 224.6840,
-17.5922, -4.1079

■ 229.3990, -8.5777,
-2.1039

■ 234.5270, 0.7262,
0.4148

■ 238.7860, 7.9935,
2.8187

■ 240.8790, 6.9617,
7.1221

Harmonies

Analogous

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



206.2750, -77.5366, 42.7318



200.8810, -63.5383, -13.9276



181.6080, -22.9777, -97.0032

Triad

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



200.8810, -63.5383, -13.9276



172.8850, 40.4827, -151.6201



187.4830, 18.0029, 59.2124

Complementary

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



200.8810, -63.5383, -13.9276



105.1190, 63.5383, 13.9276

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.



202.7570, 25.7558, 45.8171



200.8810, -63.5383, -13.9276



162.3190, 45.6917, -142.3538

Square

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



200.8810, -63.5383, -13.9276



177.5810, 38.1676, -155.7385



208.9720, 22.6918, 1.7786



184.3300, -16.9247, 61.9776

Rectangle

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



200.8810, -63.5383, -13.9276



169.0140, 7.8811, -148.2253



208.9720, 22.6918, 1.7786



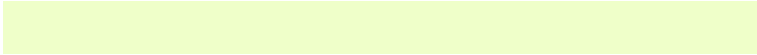
192.7950, 28.2021, 54.5538

Sweetspot

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



200.8810, -63.5383, -13.9276



244.0600, -21.2286, -4.4376



149.2010, -38.0601, 74.3687



121.3620, -12.5035, -2.9485



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.



200.8810, -63.5383, -13.9276



211.6960, -83.1671, -18.1504



176.6620, -51.5984, -63.7246



114.8490, -4.3626, -0.7446



143.9210, -70.9531, -15.7167



42.7610, -21.0812, -5.0524

Inverse Universe

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



105.1190, 63.5383, 13.9276



86.3040, 83.1671, 18.1504



129.3380, 51.5984, 63.7246



108.1510, 4.3626, 0.7446



37.0790, 70.9531, 15.7167



10.9400, 21.2286, 4.4376

Previews

White Background



This preview shows how the YUV color 200.8810, -63.5383, -13.9276 looks on a white background.

Color Contrast Check

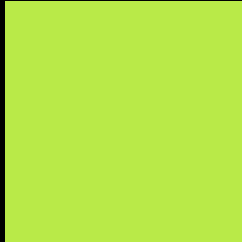
Large Text (above 18pt) WCAG AA × Fail

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 200.8810, -63.5383, -13.9276 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 200.8810, -63.5383, -13.9276 Background



This preview shows how black text looks on a background with the YUV color 200.8810, -63.5383, -13.9276.



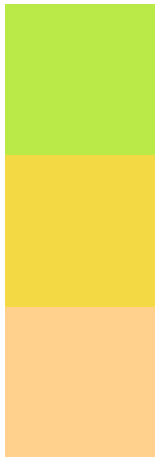
This preview shows how white text looks on a background with the YUV color 200.8810, -63.5383, -13.9276.

-13.9276.

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

200.8810, -63.5383, -13.9276

Protanopia

207.7880, -68.9155, 30.8809

Deuteranopia

215.0020, -36.4830, 35.0782



Tritanopia

216.4530, 9.6367, -10.9213

Trichromacy



Original Color

200.8810, -63.5383, -13.9276

Protanomaly

205.1450, -67.1195, 14.7818

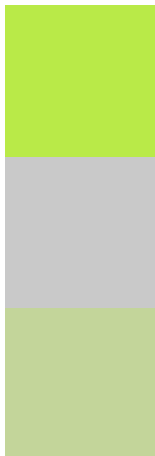
Deuteranomaly

209.9600, -46.3223, 17.5751

Tritanomaly

210.4550, -16.9863, -11.8000

Monochromacy



Original Color

200.8810, -63.5383, -13.9276

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

200.8920, -23.1178, -5.1673

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.8810, -63.5383, -13.9276 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(185, 234, 72)` looks like.

```
.text, #text, p{  
    color:rgb(185, 234, 72)  
}
```

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(185, 234, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 234, 72) }
```

Border

The CSS property to change the border of an element to YUV 200.8810, -63.5383, -13.9276 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(185, 234, 72) }
```


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

```
.border{ border-color:rgb(185, 234, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 234, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 234, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 234, 72);  
box-shadow:4px 4px 4px 4px rgb(185, 234,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 200.8810, -63.5383, -13.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 234, 72) }
```

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

```
.background{ background-color: rgb(185,  
234, 72) }
```

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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