

Converting Colors

YUV(200.1200, -59.2192,
0.7718)

Have a look what the booklet for
YUV(200.1200, -59.2192, 0.7718)
contains.

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Color

**YUV(200.1200, -59.2192,
0.7718)**

Conversions

Conversions Part 1

Format	Color
Hex	C9DF50
RGB	201, 223, 80
RGB Percent	79%, 87%, 31%
CMY	0.2118, 0.1255, 0.6863
CMYK	0.10, 0.00, 0.64, 0.13
HSL	69°, 69%, 59%
HSV	69°, 64%, 87%
XYZ	51.9230, 65.7720, 17.5481
YIQ	200.1200, 32.7910, -49.1370

Conversions

Conversions Part 2

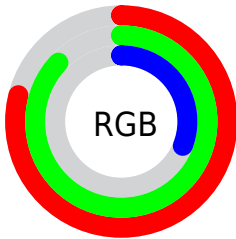
Format	Color
RYB	80, 223, 102
Decimal	13229904
CIELab	84.88, -26.09, 65.09
CIELCh	85, 70.126, 111.842
Yxy	65.7720, 0.3839, 0.4863
Android (android.graphics.Color)	4291419984 (0xFFC9DF50)
YUV	200.1200, -59.2192, 0.7718
Hunter-Lab	81.1000, -27.6430, 43.9411

Details

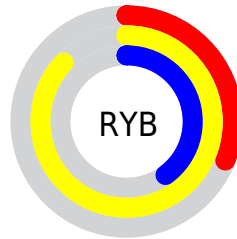
The YUV color $200.1200, -59.2192, 0.7718$ is a light color, and the websafe version is hex $CCCC33$. The color can be described as light muted yellow. A complement of this color would be $102.8800, 59.2192, -0.7718$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.3200, -52.4158, 11.9974$, and $143.1540, -64.1659, 0.7419$ is the 20% darker color. If you saturate the color by 10%, you get $196.7150, -68.3865, 1.1269$, and if you desaturate by 10%, it is $203.5250, -50.0518, 0.4166$.

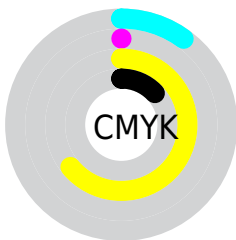
Distribution



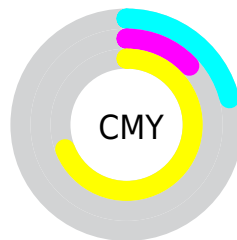
- Red (79%)
- Green (87%)
- Blue (31%)



- Red (31%)
- Yellow (87%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)



- Cyan (21%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.1200, -59.2192, 0.7718 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 200.1200, -59.2192, 0.7718 by changing the saturation by 10% instead.

200.1200,
-59.2192, 0.7718

200.1200,
-59.2192, 0.7718

255.0000, 0.0000,
0.0000

171.7070,
-59.5086, 0.2570

241.3200,
-52.4158, 11.9974

143.1540,
-64.1659, 0.7419

244.5120,
-40.1854, 9.1980

117.4510,
-57.9033, -1.2725

247.8180,
-27.5183, 6.2986

94.4040, -46.5412,
-5.6163

251.1240,
-14.8511, 3.3993

71.9550, -35.4738,
-8.7305

254.4300, -2.1840,
0.4999

50.0820, -24.6904,
-14.1039

27.6110, -13.6122,

-20.7068

■ 15.2620, -7.5242,
-13.3848

■ 0.0000, 0.0000,
0.0000

■ 200.1200,
-59.2192, 0.7718

■ 200.1200,
-59.2192, 0.7718

■ 196.7150,
-68.3865, 1.1269

■ 203.5250,
-50.0518, 0.4166

■ 192.8970,
-77.8432, 0.9673

■ 207.3430,
-40.5951, 0.5762

■ 189.4920,
-87.0106, 1.3225

■ 210.7480,
-31.4278, 0.2210

■ 187.4120,
-92.3941, 1.3927

■ 214.4520,
-22.4078, 0.4806

■ 217.9710,
-12.8037, 0.0254

■ 221.6750, -3.7838,
0.2850

■ 225.0800, 5.3836,
-0.0702

■ 228.1430, 13.2405,
-0.1254

■ 229.3390, 12.6509,
2.3337

Harmonies

Analogous

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



203.1410, -64.1595, 45.4803



200.1200, -59.2192, 0.7718



189.3630, -31.2380, -60.8314

Triad

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



200.1200, -59.2192, 0.7718



169.3630, 42.2190, -148.5314



193.2050, 19.6189, 54.1942

Complementary

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



200.1200, -59.2192, 0.7718



102.8800, 59.2192, -0.7718

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.



207.4530, 23.4407, 41.6987



200.1200, -59.2192, 0.7718



161.1450, 46.2705, -141.3242

Square

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



200.1200, -59.2192, 0.7718



172.2980, 40.7721, -151.1053



202.3610, 25.9510, -16.9796



186.7410, -10.2253, 59.8631

Rectangle

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



200.1200, -59.2192, 0.7718



161.2060, 3.3494, -141.3777



202.3610, 25.9510, -16.9796



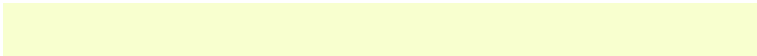
198.6480, 27.7815, 49.4207

Sweetspot

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



200.1200, -59.2192, 0.7718



247.4350, -19.9345, 0.4955



135.0840, -27.1564, 77.1023



123.0850, -12.3669, -0.0745



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.



200.1200, -59.2192, 0.7718



223.6860, -81.1902, 1.1524



178.8910, -48.7533, -42.8774



110.1480, -4.5100, -0.1298



147.8630, -72.8965, 0.9971



40.4350, -19.9345, 0.4955

Inverse Universe

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



102.8800, 59.2192, -0.7718



90.3140, 81.1902, -1.1524



124.1090, 48.7533, 42.8774



102.8520, 4.5100, 0.1298



28.1370, 72.8965, -0.9971



7.5650, 19.9345, -0.4955

Previews

White Background



This preview shows how the YUV color 200.1200, -59.2192, 0.7718 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 200.1200, -59.2192, 0.7718 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 200.1200, -59.2192, 0.7718

Background



This preview shows how black text looks on a background with the YUV color 200.1200, -59.2192, 0.7718.



This preview shows how white text looks on a background with the YUV color 200.1200, -59.2192, 0.7718.

0.7718.

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

200.1200, -59.2192, 0.7718

Protanopia

203.7860, -62.5055, 28.2517

Deuteranopia

209.0860, -43.9194, 40.2666



Tritanopia

212.9170, 5.9569, 2.7038

Trichromacy



Original Color

200.1200, -59.2192, 0.7718

Protanomaly

202.3610, -61.3100, 18.1004

Deuteranomaly

205.5050, -49.5490, 25.8671

Tritanomaly

208.3150, -17.9033, 2.3547

Monochromacy



Original Color

200.1200, -59.2192, 0.7718

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6800, -21.5342, 0.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1200, -59.2192, 0.7718 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(201, 223, 80)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 80)  
}
```

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(201, 223, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 80) }
```

Border

The CSS property to change the border of an element to YUV 200.1200, -59.2192, 0.7718 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(201, 223, 80) }
```


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

```
.border{ border-color:rgb(201, 223, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 223, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 223, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 223, 80);  
box-shadow:4px 4px 4px 4px rgb(201, 223,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 200.1200, -59.2192, 0.7718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 80) }
```

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

```
.background{ background-color: rgb(201,  
223, 80) }
```

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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