

Converting Colors

YUV(188.3710, -63.2869,
-1.2024)

Have a look what the booklet for
YUV(188.3710, -63.2869, -1.2024)
contains.

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Color

**YUV(188.3710, -63.2869,
-1.2024)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD63C
RGB	187, 214, 60
RGB Percent	73%, 84%, 24%
CMY	0.2667, 0.1608, 0.7647
CMYK	0.13, 0.00, 0.72, 0.16
HSL	71°, 65%, 54%
HSV	71°, 72%, 84%
XYZ	45.3557, 58.9842, 13.2696
YIQ	188.3710, 33.3420, -53.6180

Conversions

Conversions Part 2

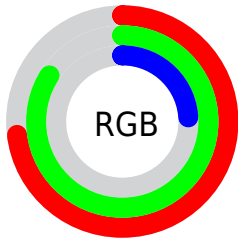
Format	Color
RYB	60, 214, 87
Decimal	12310076
CIELab	81.28, -28.60, 68.57
CIElCh	81, 74.297, 112.641
Yxy	58.9842, 0.3856, 0.5015
Android (android.graphics.Color)	4290500156 (0xFFBBD63C)
YUV	188.3710, -63.2869, -1.2024
Hunter-Lab	76.8012, -28.9871, 43.5168

Details

The YUV color **188.3710, -63.2869, -1.2024** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **85.6290, 63.2869, 1.2024**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.5770, -58.9515, 8.2640**, and **132.2030, -65.1761, -1.9320** is the 20% darker color. If you saturate the color by 10%, you get **184.7810, -71.8700, -1.5619**, and if you desaturate by 10%, it is **191.9610, -54.7038, -0.8428**.

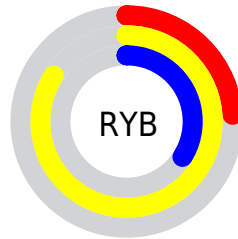
Distribution



Red (73%)

Green (84%)

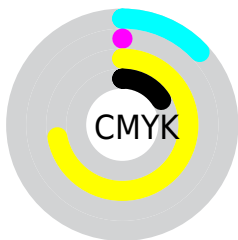
Blue (24%)



Red (24%)

Yellow (84%)

Blue (34%)

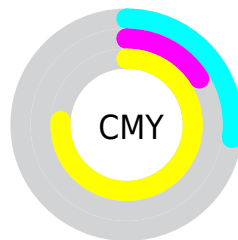


Cyan (13%)

Magenta (0%)

Yellow (72%)

Black (16%)



Cyan (27%)

Magenta (16%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3710, -63.2869, -1.2024 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 188.3710, -63.2869, -1.2024 by changing the saturation by 10% instead.

■ 188.3710,
-63.2869, -1.2024

■ 188.3710,
-63.2869, -1.2024

255.0000, 0.0000,
0.0000

■ 159.2740,
-66.1971, -1.1173

■ 236.5770,
-58.9515, 8.2640

■ 132.2030,
-65.1761, -1.9320

■ 242.4600,
-48.0478, 10.9976

■ 108.5690,
-53.5245, -5.7610

■ 245.7660,
-35.3806, 8.0982

■ 85.8210, -42.3098,
-9.4900

■ 248.9580,
-23.1503, 5.2988

■ 62.7740, -30.9476,
-13.8338

■ 252.3780,
-10.0464, 2.2995

■ 40.3030, -19.8694,
-20.4367

■ 22.3060, -10.9969,

-19.5624

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 188.3710,
-63.2869, -1.2024

■ 188.3710,
-63.2869, -1.2024

■ 184.7810,
-71.8700, -1.5619

■ 191.9610,
-54.7038, -0.8428

■ 181.0770,
-80.8900, -1.8215

■ 195.6650,
-45.6838, -0.5832

■ 178.2420,
-87.8733, -1.9662

■ 198.9560,
-36.9533, -0.8384

■ 202.6600,
-27.9334, -0.5788

■ 206.2500,
-19.3502, -0.2193

■ 209.8400,
-10.7671, 0.1403

■ 213.2450, -1.5998,
-0.2149

■ 216.8350, 6.9833,
0.1447

■ 220.5390, 16.0033,
0.4043

Harmonies

Analogous

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



194.1650, -70.5803, 51.5983



188.3710, -63.2869, -1.2024



175.7210, -30.9215, -69.0383

Triad

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



188.3710, -63.2869, -1.2024



163.4930, 45.1130, -143.3834



182.5590, 19.4444, 63.5308

Complementary

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



188.3710, -63.2869, -1.2024



85.6290, 63.2869, 1.2024

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.



199.8220, 27.2028, 48.3911



188.3710, -63.2869, -1.2024



155.2750, 49.1644, -136.1762

Square

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



188.3710, -63.2869, -1.2024



166.7870, 42.5030, -146.2722



192.6150, 30.7558, -18.0794



176.4540, -11.5628, 68.8848

Rectangle

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



188.3710, -63.2869, -1.2024



154.7830, 1.5860, -135.7447



192.6150, 30.7558, -18.0794



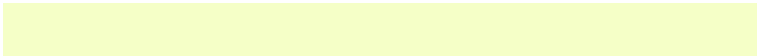
188.7030, 27.7544, 58.1425

Sweetspot

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



188.3710, -63.2869, -1.2024



245.6260, -22.9866, -0.5490



121.3080, -30.2248, 81.2909



122.3300, -13.9667, -0.2894



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.



188.3710, -63.2869, -1.2024



218.6720, -90.0573, -1.4663



165.6470, -52.0840, -47.9254



105.1480, -4.5100, -0.1298



142.5360, -70.2702, -1.3471



36.0050, -17.7505, -0.0044

Inverse Universe

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



85.6290, 63.2869, 1.2024



72.3280, 90.0573, 1.4663



108.3530, 52.0840, 47.9254



97.8520, 4.5100, 0.1298



28.4640, 70.2702, 1.3471



7.2940, 17.6031, 0.6192

Previews

White Background



This preview shows how the YUV color 188.3710, -63.2869, -1.2024 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 188.3710, -63.2869, -1.2024 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 188.3710, -63.2869, -1.2024 Background



This preview shows how black text looks on a background with the YUV color 188.3710, -63.2869, -1.2024.



This preview shows how white text looks on a background with the YUV color 188.3710, -63.2869, -1.2024.

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

188.3710, -63.2869, -1.2024

Protanopia

192.6460, -66.8735, 29.2515

Deuteranopia

195.3310, -62.2812, 49.6987



Tritanopia

202.6070, 6.1097, 0.3447

Trichromacy



Original Color

188.3710, -63.2869, -1.2024

Protanomaly

190.9220, -65.5305, 18.4854

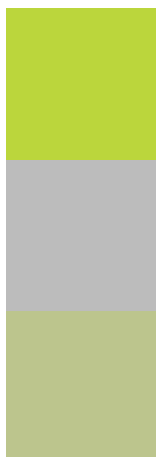
Deuteranomaly

192.5090, -62.3689, 31.1256

Tritanomaly

197.3640, -18.9135, -0.3192

Monochromacy



Original Color

188.3710, -63.2869, -1.2024

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.9250, -23.1340, 0.0658

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3710, -63.2869, -1.2024 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(187, 214, 60)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 60)  
}
```

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(187, 214, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 60) }
```

Border

The CSS property to change the border of an element to YUV 188.3710, -63.2869, -1.2024 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(187, 214, 60) }
```


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

```
.border{ border-color:rgb(187, 214, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 214, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 60);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 188.3710, -63.2869, -1.2024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 60) }
```

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

```
.background{ background-color: rgb(187,  
214, 60) }
```

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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