

Converting Colors

YUV(208.4930, -58.4170,
-23.2344)

Have a look what the booklet for
YUV(208.4930, -58.4170, -23.2344)
contains.

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Color

**YUV(208.4930, -58.4170,
-23.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	B6F55A
RGB	182, 245, 90
RGB Percent	71%, 96%, 35%
CMY	0.2863, 0.0392, 0.6471
CMYK	0.26, 0.00, 0.63, 0.04
HSL	84°, 89%, 66%
HSV	84°, 63%, 96%
XYZ	53.7893, 75.9881, 21.5050
YIQ	208.4930, 12.2070, -61.5610

Conversions

Conversions Part 2

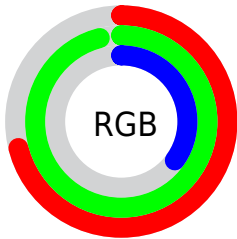
Format	Color
RYB	90, 245, 153
Decimal	11990362
CIELab	89.85, -42.69, 66.03
CIElCh	90, 78.632, 122.882
Yxy	75.9881, 0.3556, 0.5023
Android (android.graphics.Color)	4290180442 (0xFFB6F55A)
YUV	208.4930, -58.4170, -23.2344
Hunter-Lab	87.1711, -42.4054, 46.3930

Details

The YUV color **208.4930, -58.4170, -23.2344** 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 **126.5070, 58.4170, 23.2344**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3880, -45.5473, 2.2907**, and **150.9230, -60.6010, -22.7345** is the 20% darker color. If you saturate the color by 10%, you get **202.7670, -67.4261, -26.9827**, and if you desaturate by 10%, it is **214.2190, -49.4080, -19.4861**.

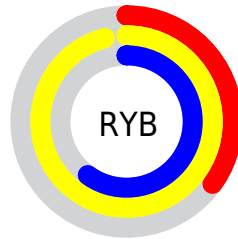
Distribution



Red (71%)

Green (96%)

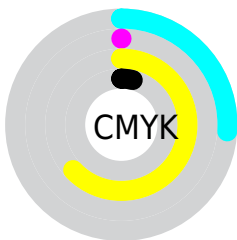
Blue (35%)



Red (35%)

Yellow (96%)

Blue (60%)

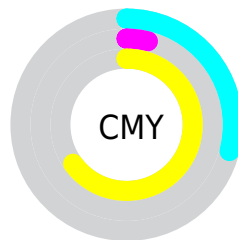


Cyan (26%)

Magenta (0%)

Yellow (63%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.4930, -58.4170, -23.2344 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 208.4930, -58.4170, -23.2344 by changing the saturation by 10% instead.

■ 208.4930,
-58.4170, -23.2344

■ 208.4930,
-58.4170, -23.2344

■ 255.0000, 0.0000,
0.0000

■ 179.4930,
-58.4170, -23.2344

■ 238.3880,
-45.5473, 2.2907

■ 150.9230,
-60.6010, -22.7345

■ 245.7660,
-35.3806, 8.0982

■ 123.2110,
-60.7430, -23.8640

■ 249.0720,
-22.7135, 5.1989

■ 99.5770, -49.0915,
-27.6930

■ 252.3780,
-10.0464, 2.2995

■ 75.0460, -36.9977,
-33.3663

■ 49.3080, -24.3088,
-43.2431

■ 35.2200, -17.3635,

-30.8879

■ 23.4800, -11.5756,
-20.5920

■ 0.0000, 0.0000,
0.0000

■ 208.4930,
-58.4170, -23.2344

■ 208.4930,
-58.4170, -23.2344

■ 202.7670,
-67.4261, -26.9827

■ 214.2190,
-49.4080, -19.4861

■ 196.9270,
-76.8720, -30.6310

■ 220.0590,
-39.9621, -15.8377

■ 191.2010,
-85.8811, -34.3793

■ 225.8990,
-30.5162, -12.1894

■ 187.1700,
-92.2748, -36.9831

■ 231.6250,
-21.5071, -8.4411

■ 237.4650,
-12.0612, -4.7928

■ 243.1910, -3.0522,
-1.0445

■ 248.2330, 3.3361,
3.3037

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



215.1600, -76.4939, 34.9397



208.4930, -58.4170, -23.2344



183.6860, -14.6352, -112.8576

Triad

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



208.4930, -58.4170, -23.2344



176.4070, 38.7463, -154.7089



193.1250, 14.2354, 54.2644

Complementary

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



208.4930, -58.4170, -23.2344



126.5070, 58.4170, 23.2344

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.



206.2790, 24.0195, 42.7283



208.4930, -58.4170, -23.2344



178.7090, 37.6115, -117.2628

Square

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



208.4930, -58.4170, -23.2344



178.7550, 37.5888, -156.7681



219.0940, 17.7017, 15.7036



191.8470, -21.1236, 55.3852

Rectangle

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



208.4930, -58.4170, -23.2344



173.0550, 15.7489, -151.7692



219.0940, 17.7017, 15.7036



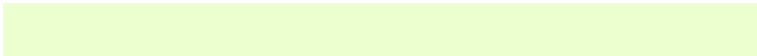
197.1490, 24.5765, 50.7353

Sweetspot

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



208.4930, -58.4170, -23.2344



243.5480, -18.0182, -7.4966



172.7390, -40.7903, 63.3729



120.9920, -11.3351, -4.3780



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.



208.4930, -58.4170, -23.2344



209.2630, -73.0937, -29.1717



185.7690, -47.2141, -69.9574



119.1370, -4.5045, -1.8741



142.0720, -70.0415, -28.1271



45.0980, -22.2333, -8.8559

Inverse Universe

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



126.5070, 58.4170, 23.2344



106.7370, 73.0937, 29.1717



149.5300, 47.0667, 70.5722



112.8630, 4.5045, 1.8741



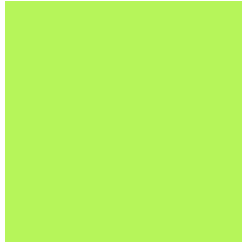
43.9280, 70.0415, 28.1271



13.9020, 22.2333, 8.8559

Previews

White Background



This preview shows how the YUV color 208.4930, -58.4170, -23.2344 looks on a white background.

Color Contrast Check

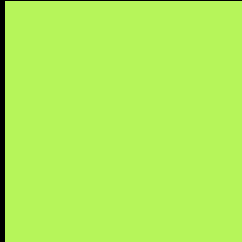
Large Text (above 18pt) WCAG AA × Fail

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 208.4930, -58.4170, -23.2344 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 208.4930, -58.4170, -23.2344 Background



This preview shows how black text looks on a background with the YUV color 208.4930, -58.4170, -23.2344.



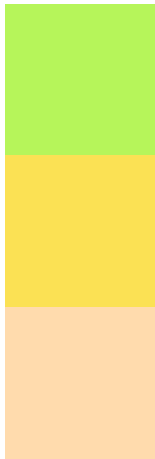
This preview shows how white text looks on a background with the YUV color 208.4930, -58.4170, -23.2344.

-23.2344.

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

208.4930, -58.4170, -23.2344

Protanopia

216.7000, -65.4211, 30.0811

Deuteranopia

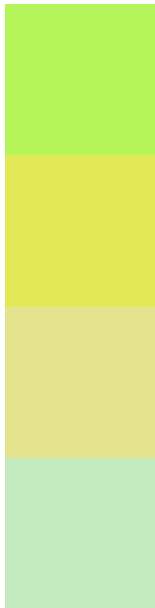
224.5200, -25.3994, 26.7310



Tritanopia

223.0930, 12.2792, -18.4986

Trichromacy



Original Color

208.4930, -58.4170, -23.2344

Protanomaly

213.5620, -62.8881, 10.9081

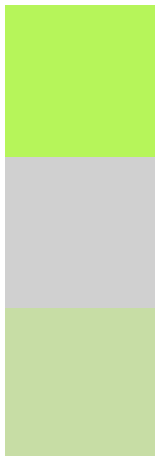
Deuteranomaly

218.3100, -37.1278, 8.4981

Tritanomaly

218.0240, -13.3228, -20.1920

Monochromacy



Original Color

208.4930, -58.4170, -23.2344

Achromatopsia

208.0000, 0.0000, 0.0000

Achromatomaly

208.0380, -21.2177, -7.9263

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.4930, -58.4170, -23.2344 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(182, 245, 90)` looks like.

```
.text, #text, p{  
    color:rgb(182, 245, 90)  
}
```

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(182, 245, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 245, 90) }
```

Border

The CSS property to change the border of an element to YUV 208.4930, -58.4170, -23.2344 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(182, 245, 90) }
```


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

```
.border{ border-color:rgb(182, 245, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 245, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 245, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 245, 90);  
box-shadow:4px 4px 4px 4px rgb(182, 245,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 208.4930, -58.4170, -23.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 245, 90) }
```

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

```
.background{ background-color: rgb(182,  
245, 90) }
```

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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