

Converting Colors

YUV(194.4190, -59.3666,
1.3865)

Have a look what the booklet for
YUV(194.4190, -59.3666, 1.3865)
contains.

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Color

**YUV(194.4190, -59.3666,
1.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D94A
RGB	196, 217, 74
RGB Percent	77%, 85%, 29%
CMY	0.2314, 0.1490, 0.7098
CMYK	0.10, 0.00, 0.66, 0.15
HSL	69°, 65%, 57%
HSV	69°, 66%, 85%
XYZ	48.8138, 61.8559, 15.8452
YIQ	194.4190, 33.3870, -48.9250

Conversions

Conversions Part 2

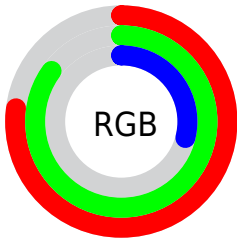
Format	Color
RYB	74, 217, 95
Decimal	12900682
CIELab	82.84, -25.61, 65.21
CIElCh	83, 70.059, 111.442
Yxy	61.8559, 0.3858, 0.4889
Android (android.graphics.Color)	4291090762 (0xFFC4D94A)
YUV	194.4190, -59.3666, 1.3865
Hunter-Lab	78.6485, -26.8474, 43.1089

Details

The YUV color **194.4190, -59.3666, 1.3865** 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 **96.5810, 59.3666, -1.3865**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.7500, -54.5998, 12.4972**, and **136.6550, -67.3709, 2.0566** is the 20% darker color. If you saturate the color by 10%, you get **191.0140, -68.5339, 1.7417**, and if you desaturate by 10%, it is **197.8240, -50.1992, 1.0314**.

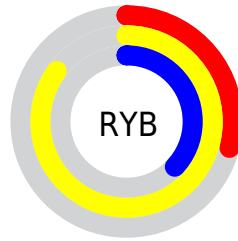
Distribution



Red (77%)

Green (85%)

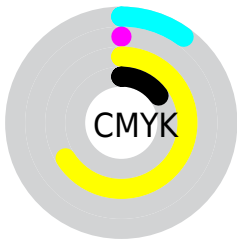
Blue (29%)



Red (29%)

Yellow (85%)

Blue (37%)

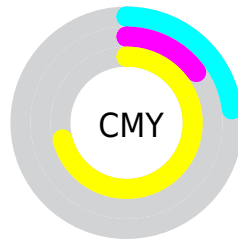


Cyan (10%)

Magenta (0%)

Yellow (66%)

Black (15%)



Cyan (23%)

Magenta (15%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.4190, -59.3666, 1.3865 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 194.4190, -59.3666, 1.3865 by changing the saturation by 10% instead.

■ 194.4190,
-59.3666, 1.3865

■ 194.4190,
-59.3666, 1.3865

■ 255.0000, 0.0000,
0.0000

■ 165.8920,
-60.0928, 0.9717

■ 240.7500,
-54.5998, 12.4972

■ 136.6550,
-67.3709, 2.0566

■ 243.8280,
-42.8062, 9.7978

■ 113.0210,
-55.7194, -1.7724

■ 247.1340,
-30.1391, 6.8985

■ 90.2730, -44.5046,
-5.5014

■ 250.4400,
-17.4719, 3.9991

■ 67.5250, -33.2898,
-9.2304

■ 253.7460, -4.8048,
1.0998

■ 45.6520, -22.5064,
-14.6038

■ 24.0670, -11.8650,

-21.1068

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 194.4190,
-59.3666, 1.3865

■ 194.4190,
-59.3666, 1.3865

■ 191.0140,
-68.5339, 1.7417

■ 197.8240,
-50.1992, 1.0314

■ 187.7230,
-77.2644, 1.9969

■ 201.1150,
-41.4687, 0.7761

■ 184.0190,
-86.2844, 1.7373

■ 204.8190,
-32.4488, 1.0357

■ 182.6940,
-90.0681, 2.0224

■ 208.2240,
-23.2814, 0.6806

■ 211.5150,
-14.5509, 0.4253

■ 214.9200, -5.3836,
0.0702

■ 218.3250, 3.7838,
-0.2850

■ 221.7300, 12.9511,
-0.6402

■ 223.7240, 15.4191,
1.1191

Harmonies

Analogous

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



199.0490, -64.6072, 49.0690



194.4190, -59.3666, 1.3865



183.0750, -31.0960, -59.7018

Triad

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



194.4190, -59.3666, 1.3865



165.8410, 43.9554, -145.4426



189.7000, 18.8819, 57.2681

Complementary

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



194.4190, -59.3666, 1.3865



96.5810, 59.3666, -1.3865

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.



204.5180, 24.8876, 44.2727



194.4190, -59.3666, 1.3865



157.6230, 48.0069, -138.2354

Square

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



194.4190, -59.3666, 1.3865



168.4340, 41.1980, -147.7166



197.0340, 28.5772, -19.3238



182.7630, -10.2362, 63.3518

Rectangle

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



194.4190, -59.3666, 1.3865



157.0000, 2.4650, -137.6890



197.0340, 28.5772, -19.3238



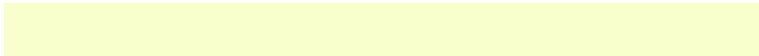
195.1430, 27.0445, 52.4946

Sweetspot

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



194.4190, -59.3666, 1.3865



247.0930, -21.2448, 0.7954



127.9100, -26.5776, 78.1319



122.9710, -12.8037, 0.0254



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.



194.4190, -59.3666, 1.3865



223.1160, -83.3742, 1.6523



173.4890, -49.0481, -41.6479



108.1480, -4.5100, -0.1298



145.8030, -71.8809, 1.9268



38.6630, -19.0609, 0.2955

Inverse Universe

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



96.5810, 59.3666, -1.3865



85.5850, 83.5216, -2.2670



117.5110, 49.0481, 41.6479



100.5530, 4.6574, -0.4850



27.1970, 71.8809, -1.9268



7.3370, 19.0609, -0.2955

Previews

White Background



This preview shows how the YUV color 194.4190, -59.3666, 1.3865 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 194.4190, -59.3666, 1.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

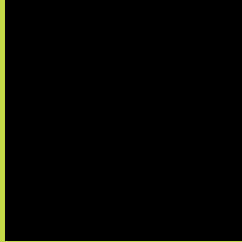
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.4190, -59.3666, 1.3865

Background



This preview shows how black text looks on a background with the YUV color 194.4190, -59.3666, 1.3865.



This preview shows how white text looks on a background with the YUV color 194.4190, -59.3666, 1.3865.

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

194.4190, -59.3666, 1.3865

Protanopia

197.7860, -62.5055, 28.2517

Deuteranopia

201.2150, -56.3080, 47.1694



Tritanopia

207.2160, 5.8095, 3.3186

Trichromacy



Original Color

194.4190, -59.3666, 1.3865

Protanomaly

196.6600, -61.4574, 18.7152

Deuteranomaly

199.0620, -57.7116, 30.6406

Tritanomaly

202.6140, -18.0507, 2.9695

Monochromacy



Original Color

194.4190, -59.3666, 1.3865

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9790, -21.6816, 0.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.4190, -59.3666, 1.3865 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(196, 217, 74)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 74)  
}
```

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(196, 217, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 74) }
```

Border

The CSS property to change the border of an element to YUV 194.4190, -59.3666, 1.3865 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(196, 217, 74) }
```


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

```
.border{ border-color:rgb(196, 217, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 217, 74); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 217, 74); box-shadow:4px 4px 4px 4px rgb(196, 217, 74) }
```

Background

The CSS property to change the background color of an element to YUV 194.4190, -59.3666, 1.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 74) }
```

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

```
.background{ background-color: rgb(196,  
217, 74) }
```

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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