

Converting Colors

YUV(192.5110, -38.7059,
1.3059)

Have a look what the booklet for
YUV(192.5110, -38.7059, 1.3059)
contains.

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Color

**YUV(192.5110, -38.7059,
1.3059)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CF72
RGB	194, 207, 114
RGB Percent	76%, 81%, 45%
CMY	0.2392, 0.1882, 0.5529
CMYK	0.06, 0.00, 0.45, 0.19
HSL	68°, 49%, 63%
HSV	68°, 45%, 81%
XYZ	47.5982, 57.3099, 24.4728
YIQ	192.5110, 22.1050, -31.6790

Conversions

Conversions Part 2

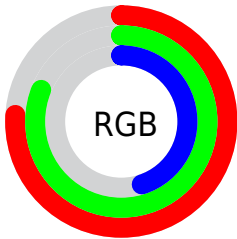
Format	Color
RYB	114, 207, 127
Decimal	12767090
CIELab	80.35, -18.26, 44.53
CIELCh	80, 48.124, 112.297
Yxy	57.3099, 0.3679, 0.4430
Android (android.graphics.Color)	4290957170 (0xFFC2CF72)
YUV	192.5110, -38.7059, 1.3059
Hunter-Lab	75.7033, -20.2494, 33.8255

Details

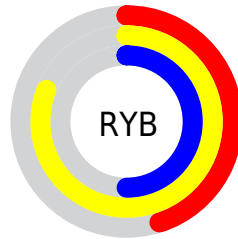
The YUV color $192.5110, -38.7059, 1.3059$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $128.4890, 38.7059, -1.3059$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.0710, -37.9960, 6.9537$, and $138.5540, -37.2481, 0.3911$ is the 20% darker color. If you saturate the color by 10%, you get $189.2200, -47.4365, 1.5611$, and if you desaturate by 10%, it is $195.8020, -29.9754, 1.0506$.

Distribution



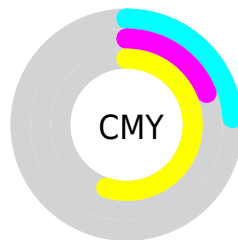
- Red (76%)
- Green (81%)
- Blue (45%)



- Red (45%)
- Yellow (81%)
- Blue (50%)



- Cyan (6%)
- Magenta (0%)
- Yellow (45%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.5110, -38.7059, 1.3059 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 192.5110, -38.7059, 1.3059 by changing the saturation by 10% instead.

■ 192.5110,
-38.7059, 1.3059

■ 192.5110,
-38.7059, 1.3059

255.0000, 0.0000,
0.0000

■ 164.7390,
-37.8323, 1.1059

■ 244.0710,
-37.9960, 6.9537

■ 138.5540,
-37.2481, 0.3911

■ 248.1600,
-26.2079, 5.9987

■ 112.3690,
-36.6639, -0.3236

■ 251.4660,
-13.5407, 3.0993

■ 86.5000, -38.7005,
-0.4385

254.7720, -0.8736,
0.2000

■ 64.0250, -31.5643,
-2.6529

■ 43.0490, -21.2232,
-6.1820

■ 22.6490, -11.1660,

-11.9702

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 192.5110,
-38.7059, 1.3059

■ 192.5110,
-38.7059, 1.3059

■ 189.2200,
-47.4365, 1.5611

■ 195.8020,
-29.9754, 1.0506

■ 186.0430,
-55.7302, 1.7163

■ 198.9790,
-21.6816, 0.8954

■ 182.7520,
-64.4607, 1.9715

■ 202.2700,
-12.9511, 0.6402

■ 179.4610,
-73.1913, 2.2267

■ 205.5610, -4.2206,
0.3850

■ 176.5830,
-81.6324, 2.9967

■ 208.5530, 4.6574,
-0.4850

■ 174.7310,
-86.1424, 2.8669

■ 211.7300, 12.9511,
-0.6402

■ 214.5650, 19.9345,
-0.4955

■ 215.4620, 19.4922,
1.3488

■ 216.3590, 19.0500,
3.1932

Harmonies

Analogous

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



196.8790, -43.3243, 36.0631



192.5110, -38.7059, 1.3059



186.1390, -21.2675, -38.7099

Triad

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



192.5110, -38.7059, 1.3059



157.0360, 48.2963, -137.7206



196.7950, 7.9891, 51.0458

Complementary

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



192.5110, -38.7059, 1.3059



128.4890, 38.7059, -1.3059

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.



204.7510, 24.7728, 34.4214



192.5110, -38.7059, 1.3059



181.9740, 36.0018, -67.5062

Square

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



192.5110, -38.7059, 1.3059



157.3490, 36.8029, -137.9951



197.3880, 28.4027, -9.9873



192.2520, -11.9562, 55.0300

Rectangle

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



192.5110, -38.7059, 1.3059



178.8220, -3.8562, -70.0039



197.3880, 28.4027, -9.9873



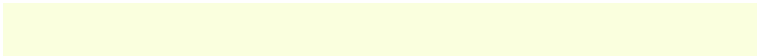
200.2660, 13.6729, 48.0017

Sweetspot

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



192.5110, -38.7059, 1.3059



249.7430, -13.6773, 0.2254



148.8510, -17.1815, 50.9967



124.7090, -8.7305, 0.2552



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.



192.5110, -38.7059, 1.3059



233.5870, -57.4774, 2.1162



178.7570, -31.9252, -26.9739



103.1480, -4.5100, -0.1298



141.9710, -69.9917, 2.6564



34.5320, -17.0243, 0.4104

Inverse Universe

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



128.4890, 38.7059, -1.3059



138.7120, 57.3300, -1.5014



142.2430, 31.9252, 26.9739



95.8520, 4.5100, 0.1298



26.3280, 69.8443, -2.0417



6.4680, 17.0243, -0.4104

Previews

White Background



This preview shows how the YUV color 192.5110, -38.7059, 1.3059 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 192.5110, -38.7059, 1.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

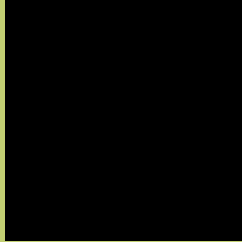
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.5110, -38.7059, 1.3059

Background



This preview shows how black text looks on a background with the YUV color 192.5110, -38.7059, 1.3059.



This preview shows how white text looks on a background with the YUV color 192.5110, -38.7059, 1.3059.

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

192.5110, -38.7059, 1.3059

Protanopia

194.9480, -41.3864, 21.0936

Deuteranopia

197.3400, -39.1146, 39.1668



Tritanopia

200.4010, 5.2253, 4.0333

Trichromacy



Original Color

192.5110, -38.7059, 1.3059

Protanomaly

194.1320, -40.4911, 13.9162

Deuteranomaly

195.6650, -38.7818, 25.7268

Tritanomaly

197.5630, -10.6306, 3.0142

Monochromacy



Original Color

192.5110, -38.7059, 1.3059

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.6290, -14.1141, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.5110, -38.7059, 1.3059 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(194, 207, 114)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 114)  
}
```

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(194, 207, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 114) }
```

Border

The CSS property to change the border of an element to YUV 192.5110, -38.7059, 1.3059 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(194, 207, 114) }
```


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

```
.border{ border-color:rgb(194, 207, 114) }
```

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

Here you see how a box with a 4 pixel rgb(194, 207, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 114);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 192.5110, -38.7059, 1.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 114) }
```

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

```
.background{ background-color: rgb(194,  
207, 114) }
```

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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