

Converting Colors

YUV(192.4290, -74.6545,
4.8858)

Have a look what the booklet for
YUV(192.4290, -74.6545, 4.8858)
contains.

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Color

**YUV(192.4290, -74.6545,
4.8858)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DB29
RGB	198, 219, 41
RGB Percent	78%, 86%, 16%
CMY	0.2235, 0.1412, 0.8392
CMYK	0.10, 0.00, 0.81, 0.14
HSL	67°, 71%, 51%
HSV	67°, 81%, 86%
XYZ	49.0205, 62.8289, 11.6414
YIQ	192.4290, 44.6220, -59.8100

Conversions

Conversions Part 2

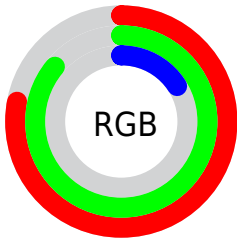
Format	Color
R_{YB}	41, 219, 62
Decimal	13032233
CIE _{Lab}	83.35, -27.27, 76.37
CIE _{LCh}	83, 81.095, 109.649
Yxy	62.8289, 0.3970, 0.5088
Android (android.graphics.Color)	4291222313 (0xFFC6DB29)
YUV	192.4290, -74.6545, 4.8858
Hunter-Lab	79.2647, -28.3216, 46.7775

Details

The YUV color **192.4290, -74.6545, 4.8858** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **67.5710, 74.6545, -4.8858**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7860, -65.9565, 15.0967**, and **138.1280, -68.0971, 1.6417** is the 20% darker color. If you saturate the color by 10%, you get **189.0240, -83.8218, 5.2410**, and if you desaturate by 10%, it is **195.8340, -65.4872, 4.5306**.

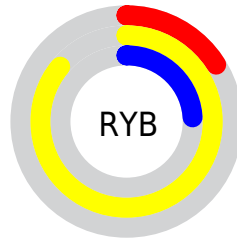
Distribution



Red (78%)

Green (86%)

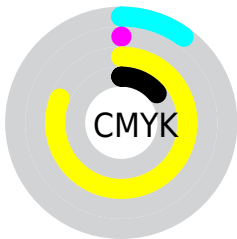
Blue (16%)



Red (16%)

Yellow (86%)

Blue (24%)

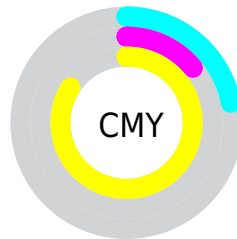


Cyan (10%)

Magenta (0%)

Yellow (81%)

Black (14%)



Cyan (22%)

Magenta (14%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.4290, -74.6545, 4.8858 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 192.4290, -74.6545, 4.8858 by changing the saturation by 10% instead.

■ 192.4290,
-74.6545, 4.8858

■ 192.4290,
-74.6545, 4.8858

■ 255.0000, 0.0000,
0.0000

■ 162.6480,
-80.1855, 5.5707

■ 237.7860,
-65.9565, 15.0967

■ 138.1280,
-68.0971, 1.6417

■ 241.0920,
-53.2894, 12.1973

■ 114.1950,
-56.2981, -2.8020

■ 244.3980,
-40.6222, 9.2980

■ 90.8600, -44.7940,
-6.0162

■ 247.7040,
-27.9551, 6.3986

■ 68.1010, -33.5738,
-11.4896

■ 251.0100,
-15.2879, 3.4992

■ 45.6410, -22.5010,
-16.3482

■ 254.4300, -2.1840,

■ 24.6540, -12.1544,

0.4999

-21.6216

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 192.4290,
-74.6545, 4.8858

■ 192.4290,
-74.6545, 4.8858

■ 189.0240,
-83.8218, 5.2410

■ 195.8340,
-65.4872, 4.5306

■ 186.2600,
-91.8262, 5.9110

■ 198.9400,
-56.1724, 3.5606

■ 202.3450,
-47.0051, 3.2054

■ 205.4510,
-37.6903, 2.2355

■ 208.8560,
-28.5230, 1.8803

■ 212.1470,
-19.7925, 1.6251

■ 215.2530,
-10.4777, 0.6551

■ 218.6580, -1.3104,
0.2999

■ 221.7640, 8.0043,
-0.6700

Harmonies

Analogous

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



194.9280, -77.8585, 52.6831



192.4290, -74.6545, 4.8858



179.4840, -38.1996, -67.9535

Triad

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



192.4290, -74.6545, 4.8858



169.3630, 42.2190, -148.5314



183.7960, 26.7226, 62.4459

Complementary

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



192.4290, -74.6545, 4.8858



67.5710, 74.6545, -4.8858

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.



202.1700, 26.0452, 46.3319



192.4290, -74.6545, 4.8858



160.5580, 46.5599, -140.8094

Square

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



192.4290, -74.6545, 4.8858



172.2980, 40.7721, -151.1053



192.5270, 30.7992, -32.0342



175.0180, -6.9109, 70.1442

Rectangle

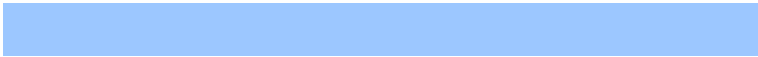
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192.4290, -74.6545, 4.8858



158.2080, -3.0605, -138.7484



192.5270, 30.7992, -32.0342



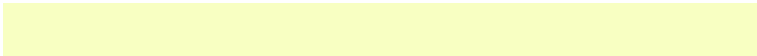
189.8430, 32.1224, 57.1427

Sweetspot

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



192.4290, -74.6545, 4.8858



245.9530, -25.6128, 1.7952



106.5490, -32.3157, 98.6195



122.2870, -15.4245, 0.6253



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.



192.4290, -74.6545, 4.8858



217.8290, -104.9247, 7.1660



165.8180, -61.5353, -49.8294



108.1480, -4.5100, -0.1298



147.2980, -72.6179, 5.0007



38.9620, -19.2083, 0.9103

Inverse Universe

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



67.5710, 74.6545, -4.8858



42.4700, 104.7773, -6.5512



94.1820, 61.5353, 49.8294



100.5530, 4.6574, -0.4850



25.7020, 72.6179, -5.0007



6.7390, 19.3557, -1.5251

Previews

White Background



This preview shows how the YUV color 192.4290, -74.6545, 4.8858 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 192.4290, -74.6545, 4.8858 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 192.4290, -74.6545, 4.8858

Background



This preview shows how black text looks on a background with the YUV color 192.4290, -74.6545, 4.8858.



This preview shows how white text looks on a background with the YUV color 192.4290, -74.6545,

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

192.4290, -74.6545, 4.8858

Protanopia

196.0950, -77.9408, 32.3657

Deuteranopia

202.7310, -55.5764, 45.8399



Tritanopia

208.8140, 5.5147, 4.5481

Trichromacy



Original Color

192.4290, -74.6545, 4.8858

Protanomaly

194.6700, -76.7453, 22.2144

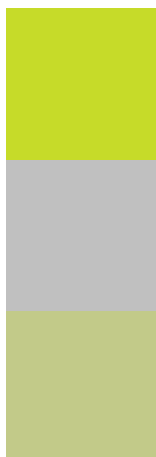
Deuteranomaly

199.0960, -62.6583, 30.6108

Tritanomaly

202.5450, -23.4397, 4.7840

Monochromacy



Original Color

192.4290, -74.6545, 4.8858

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.1980, -27.2126, 1.5804

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.4290, -74.6545, 4.8858 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(198, 219, 41)` looks like.

```
.text, #text, p{  
    color:rgb(198, 219, 41)  
}
```

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(198, 219, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 219, 41) }
```

Border

The CSS property to change the border of an element to YUV 192.4290, -74.6545, 4.8858 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(198, 219, 41) }
```


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

```
.border{ border-color:rgb(198, 219, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 219, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 219, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 219, 41);  
box-shadow:4px 4px 4px 4px rgb(198, 219,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 192.4290, -74.6545, 4.8858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 219, 41) }
```

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

```
.background{ background-color: rgb(198,  
219, 41) }
```

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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