

Converting Colors

YUV(203.8140, -48.2223,
20.3341)

Have a look what the booklet for
YUV(203.8140, -48.2223, 20.3341)
contains.

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Color

**YUV(203.8140, -48.2223,
20.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D36A
RGB	227, 211, 106
RGB Percent	89%, 83%, 42%
CMY	0.1098, 0.1725, 0.5843
CMYK	0.00, 0.07, 0.53, 0.11
HSL	52°, 68%, 65%
HSV	52°, 53%, 89%
XYZ	57.5743, 63.9600, 22.9467
YIQ	203.8140, 43.2410, -29.2630

Conversions

Conversions Part 2

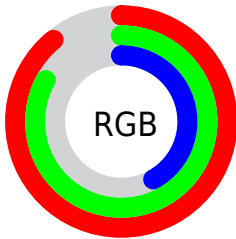
Format	Color
RYB	124, 227, 106
Decimal	14930794
CIELab	83.94, -7.74, 53.30
CIELCh	84, 53.859, 98.261
Yxy	63.9600, 0.3985, 0.4427
Android (android.graphics.Color)	4293120874 (0xFFE3D36A)
YUV	203.8140, -48.2223, 20.3341
Hunter-Lab	79.9750, -11.4534, 38.9708

Details

The YUV color **203.8140, -48.2223, 20.3341** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **129.1860, 48.2223, -20.3341**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.1700, -41.4958, 9.4979**, and **148.8460, -46.7591, 17.6751** is the 20% darker color. If you saturate the color by 10%, you get **199.4310, -57.4005, 24.1780**, and if you desaturate by 10%, it is **208.1970, -39.0441, 16.4902**.

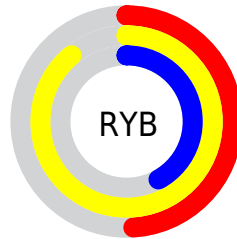
Distribution



Red (89%)

Green (83%)

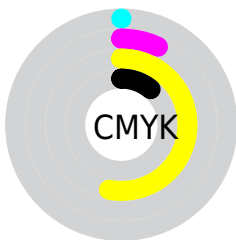
Blue (42%)



Red (49%)

Yellow (89%)

Blue (42%)

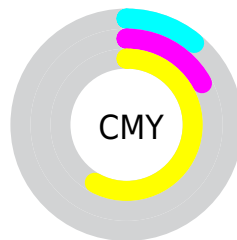


Cyan (0%)

Magenta (7%)

Yellow (53%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.8140, -48.2223, 20.3341 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 203.8140, -48.2223, 20.3341 by changing the saturation by 10% instead.

■ 203.8140,
-48.2223, 20.3341

■ 203.8140,
-48.2223, 20.3341

■ 255.0000, 0.0000,
0.0000

■ 175.7430,
-47.2013, 19.5194

■ 244.1700,
-41.4958, 9.4979

■ 148.8460,
-46.7591, 17.6751

■ 247.3620,
-29.2655, 6.6985

■ 121.9060,
-47.7747, 16.7454

■ 250.5540,
-17.0351, 3.8991

■ 96.3080, -47.4798,
15.5159

■ 253.8600, -4.3680,
0.9998

■ 74.1470, -36.5545,
11.2721

■ 52.8720, -26.0659,
7.1283

■ 33.0700, -16.3035,

2.5696

■ 11.1640, -5.5039,
-8.0368

■ 0.0000, 0.0000,
0.0000

■ 203.8140,
-48.2223, 20.3341

■ 203.8140,
-48.2223, 20.3341

■ 199.4310,
-57.4005, 24.1780

■ 208.1970,
-39.0441, 16.4902

■ 195.1620,
-66.1419, 27.9219

■ 212.4660,
-30.3027, 12.7463

■ 190.7790,
-75.3200, 31.7658

■ 216.8490,
-21.1246, 8.9024

■ 186.3960,
-84.4982, 35.6097

■ 221.2320,
-11.9464, 5.0585

■ 183.5120,
-90.4714, 38.1390

■ 225.6150, -2.7682,
1.2146

■ 229.8840, 5.9732,
-2.5293

■ 233.1270, 10.7834,
-5.3734

■ 234.8880, 9.9152,
-6.9178

■ 236.6490, 9.0470,
-8.4622

Harmonies

Analogous

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



202.6460, -43.2095, 45.9145



203.8140, -48.2223, 20.3341



197.9810, -34.9936, -22.7853

Triad

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



203.8140, -48.2223, 20.3341



165.8410, 43.9554, -145.4426



206.6550, 20.3831, 42.3986

Complementary

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



203.8140, -48.2223, 20.3341



129.1860, 48.2223, -20.3341

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.



210.5550, 21.9114, 18.8073



203.8140, -48.2223, 20.3341



161.1450, 46.2705, -141.3242

Square

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



203.8140, -48.2223, 20.3341



163.8400, 28.6729, -143.6877



197.7880, 28.2055, -40.1561



197.3190, -0.1573, 50.5862

Rectangle

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



203.8140, -48.2223, 20.3341



191.7240, -18.5979, -55.0089



197.7880, 28.2055, -40.1561



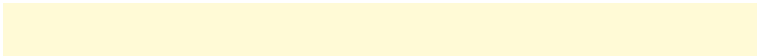
209.8010, 22.2831, 39.6395

Sweetspot

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



203.8140, -48.2223, 20.3341



247.3910, -16.4618, 6.6731



144.0030, -10.8475, 72.7884



122.8020, -9.7624, 4.5586



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.



203.8140, -48.2223, 20.3341



223.5040, -64.8315, 27.6220



200.0500, -46.3667, -14.9529



112.4580, -4.6628, 2.2293



144.5060, -71.2415, 30.2512



41.0770, -20.2510, 8.7025

Inverse Universe

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



129.1860, 48.2223, -20.3341



122.9090, 65.1209, -27.1072



132.9500, 46.3667, 14.9529



105.5420, 4.6628, -2.2293



34.4940, 71.2415, -30.2512



9.9230, 20.2510, -8.7025

Previews

White Background



This preview shows how the YUV color 203.8140, -48.2223, 20.3341 looks on a white background.

Color Contrast Check

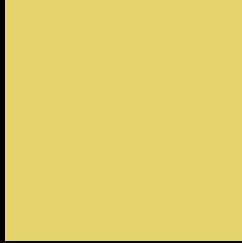
Large Text (above 18pt) WCAG AA × Fail

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 203.8140, -48.2223, 20.3341 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 203.8140, -48.2223, 20.3341

Background



This preview shows how black text looks on a background with the YUV color 203.8140, -48.2223, 20.3341.



This preview shows how white text looks on a background with the YUV color 203.8140, -48.2223,

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

203.8140, -48.2223, 20.3341

Protanopia

204.4230, -48.5225, 23.3080

Deuteranopia

206.8690, -44.7984, 42.2109



Tritanopia

212.0720, 0.9505, 21.8619

Trichromacy



Original Color

203.8140, -48.2223, 20.3341

Protanomaly

204.1240, -48.3751, 22.6933

Deuteranomaly

205.7710, -46.2291, 34.4038

Tritanomaly

208.7780, -16.6526, 21.2427

Monochromacy



Original Color

203.8140, -48.2223, 20.3341

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.0490, -17.7722, 6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.8140, -48.2223, 20.3341 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(227, 211, 106)` looks like.

```
.text, #text, p{  
    color:rgb(227, 211, 106)  
}
```

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(227, 211, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 211, 106) }
```

Border

The CSS property to change the border of an element to YUV 203.8140, -48.2223, 20.3341 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(227, 211, 106) }
```


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

```
.border{ border-color:rgb(227, 211, 106) }
```

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

Here you see how a box with a 4 pixel rgb(227, 211, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 211, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 211, 106);  
box-shadow:4px 4px 4px 4px rgb(227, 211,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 203.8140, -48.2223, 20.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 211, 106) }
```

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

```
.background{ background-color: rgb(227,  
211, 106) }
```

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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