

Converting Colors

YUV(203.6850, -42.7357,
-12.8787)

Have a look what the booklet for
YUV(203.6850, -42.7357, -12.8787)
contains.

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Color

**YUV(203.6850, -42.7357,
-12.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE475
RGB	189, 228, 117
RGB Percent	74%, 89%, 46%
CMY	0.2588, 0.1059, 0.5412
CMYK	0.17, 0.00, 0.49, 0.11
HSL	81°, 67%, 68%
HSV	81°, 49%, 89%
XYZ	51.9406, 67.5900, 27.1382
YIQ	203.6850, 12.3870, -42.7890

Conversions

Conversions Part 2

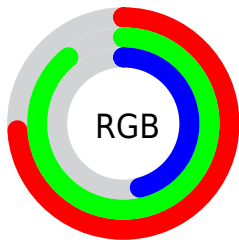
Format	Color
RYB	117, 228, 156
Decimal	12444789
CIELab	85.80, -30.01, 49.65
CIELCh	86, 58.021, 121.152
Yxy	67.5900, 0.3541, 0.4608
Android (android.graphics.Color)	4290634869 (0xFFBDE475)
YUV	203.6850, -42.7357, -12.8787
Hunter-Lab	82.2131, -31.1004, 37.9778

Details

The YUV color **203.6850, -42.7357, -12.8787** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **141.3150, 42.7357, 12.8787**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.0320, -35.5118, 3.4799**, and **148.1410, -40.9885, -13.2787** is the 20% darker color. If you saturate the color by 10%, you get **198.6710, -51.6028, -15.4975**, and if you desaturate by 10%, it is **208.6990, -33.8686, -10.2600**.

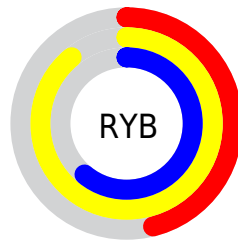
Distribution



Red (74%)

Green (89%)

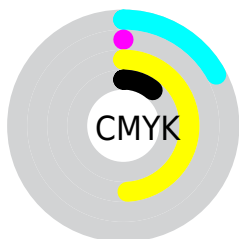
Blue (46%)



Red (46%)

Yellow (89%)

Blue (61%)

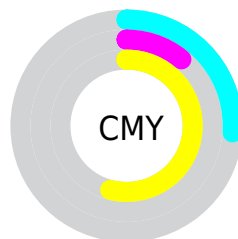


Cyan (17%)

Magenta (0%)

Yellow (49%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 203.6850, -42.7357, -12.8787 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 203.6850, -42.7357, -12.8787 by changing the saturation by 10% instead.

■ 203.6850,
-42.7357, -12.8787

■ 203.6850,
-42.7357, -12.8787

255.0000, 0.0000,
0.0000

■ 175.9130,
-41.8621, -13.0787

■ 243.0320,
-35.5118, 3.4799

■ 148.1410,
-40.9885, -13.2787

■ 248.6160,
-24.4607, 5.5988

■ 122.0270,
-41.4253, -13.1787

■ 251.9220,
-11.7935, 2.6994

■ 94.8160, -44.7723,
-12.9936

■ 71.9110, -35.4521,
-15.7079

■ 50.0490, -24.6742,
-19.3370

■ 28.1760, -13.8908,

-24.7104

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 203.6850,
-42.7357, -12.8787

■ 203.6850,
-42.7357, -12.8787

■ 198.6710,
-51.6028, -15.4975

■ 208.6990,
-33.8686, -10.2600

■ 193.6570,
-60.4699, -18.1162

■ 213.7130,
-25.0015, -7.6413


■ 188.7570,
-68.9002, -20.8349


■ 218.6130,
-16.5712, -4.9226

■ 183.7430,
-77.7673, -23.4536


■ 223.6270, -7.7041,
-2.3039


 178.7290,
-86.6344, -26.0723


 228.6410, 1.1630,
0.3148

 178.0880,
-87.7974, -26.3872

 233.6550, 10.0301,
2.9336

 236.1610, 9.2876,
7.7518

 238.5530, 8.1084,
12.6700

 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



209.2130, -53.3490, 31.3852



203.6850, -42.7357, -12.8787



193.1140, -16.8182, -65.8750

Triad

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



203.6850, -42.7357, -12.8787



166.4280, 43.6660, -145.9574



199.9580, 7.4157, 48.2718

Complementary

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



203.6850, -42.7357, -12.8787



141.3150, 42.7357, 12.8787

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.



210.3880, 21.9937, 39.1247



203.6850, -42.7357, -12.8787



194.6880, 29.7338, -63.7474

Square

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



203.6850, -42.7357, -12.8787



170.5370, 41.6403, -149.5609



211.9620, 21.2177, 7.9263



197.3240, -17.9077, 50.5819

Rectangle

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



203.6850, -42.7357, -12.8787



174.2650, 10.7154, -123.8894



211.9620, 21.2177, 7.9263



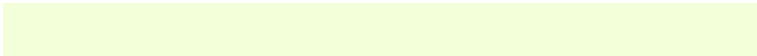
202.5970, 14.9887, 45.9574

Sweetspot

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



203.6850, -42.7357, -12.8787



246.7810, -14.6820, -4.1929



173.0820, -27.6484, 48.1631



122.6870, -8.7197, -3.2335



0.0000, 0.0000, 0.0000



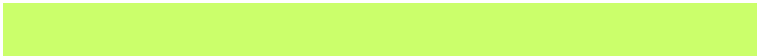
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



203.6850, -42.7357, -12.8787



222.5800, -56.9809, -17.1717



187.2400, -34.6283, -46.6915



112.4360, -4.6519, -1.2594



139.7570, -68.9002, -20.8349



39.8040, -19.6234, -5.9671

Inverse Universe

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



141.3150, 42.7357, 12.8787



139.4200, 56.9809, 17.1717



157.7600, 34.6283, 46.6915



105.5640, 4.6519, 1.2594



39.2430, 68.9002, 20.8349



11.1960, 19.6234, 5.9671

Previews

White Background



This preview shows how the YUV color 203.6850, -42.7357, -12.8787 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 203.6850, -42.7357, -12.8787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

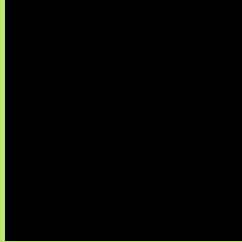
Any Text WCAG AA ✓ Pass

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 203.6850, -42.7357, -12.8787 Background



This preview shows how black text looks on a background with the YUV color 203.6850, -42.7357, -12.8787.



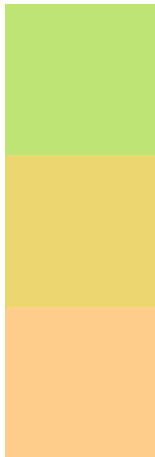
This preview shows how white text looks on a background with the YUV color 203.6850, -42.7357, -12.8787.

-12.8787.

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

203.6850, -42.7357, -12.8787

Protanopia

208.9500, -47.7963, 23.7229

Deuteranopia

212.4260, -36.1990, 37.3374



Tritanopia

213.6490, 9.0470, -8.4622

Trichromacy



Original Color

203.6850, -42.7357, -12.8787

Protanomaly

207.0300, -45.8638, 10.4977

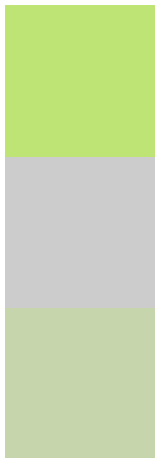
Deuteranomaly

209.0340, -38.4708, 19.2642

Tritanomaly

210.3010, -10.0084, -9.9110

Monochromacy



Original Color

203.6850, -42.7357, -12.8787

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1400, -15.8450, -4.5078

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.6850, -42.7357, -12.8787 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(189, 228, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 228, 117)  
}
```

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(189, 228, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 228, 117) }
```

Border

The CSS property to change the border of an element to YUV 203.6850, -42.7357, -12.8787 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(189, 228, 117) }
```


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

```
.border{ border-color:rgb(189, 228, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 228, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 228, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 228, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 228,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 203.6850, -42.7357, -12.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 228, 117) }
```

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

```
.background{ background-color: rgb(189,  
228, 117) }
```

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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