

Converting Colors

YUV(200.2120, -42.0095,
-12.4639)

Have a look what the booklet for
YUV(200.2120, -42.0095, -12.4639)
contains.

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Color

**YUV(200.2120, -42.0095,
-12.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE073
RGB	186, 224, 115
RGB Percent	73%, 88%, 45%
CMY	0.2706, 0.1216, 0.5490
CMYK	0.17, 0.00, 0.49, 0.12
HSL	81°, 64%, 66%
HSV	81°, 49%, 88%
XYZ	49.9999, 64.9882, 26.1284
YIQ	200.2120, 12.3410, -41.9550

Conversions

Conversions Part 2

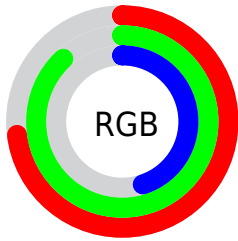
Format	Color
RYB	115, 224, 153
Decimal	12247155
CIELab	84.48, -29.47, 48.95
CIELCh	84, 57.138, 121.045
Yxy	64.9882, 0.3543, 0.4605
Android (android.graphics.Color)	4290437235 (0xFFBAE073)
YUV	200.2120, -42.0095, -12.4639
Hunter-Lab	80.6153, -30.3660, 37.2141

Details

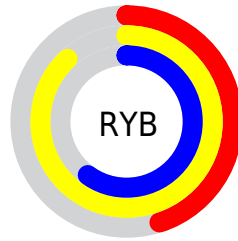
The YUV color **200.2120, -42.0095, -12.4639** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **138.7880, 42.0095, 12.4639**, and the grayscale version is **201.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.9070, -35.9432, 1.8356**, and **145.5540, -40.6991, -12.7639** is the 20% darker color. If you saturate the color by 10%, you get **195.3120, -50.4398, -15.1826**, and if you desaturate by 10%, it is **205.1120, -33.5792, -9.7452**.

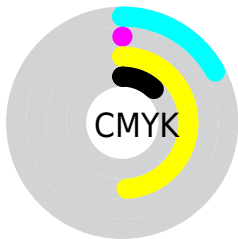
Distribution



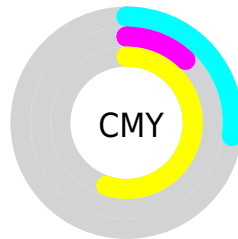
- Red (73%)
- Green (88%)
- Blue (45%)



- Red (45%)
- Yellow (88%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (49%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.2120, -42.0095, -12.4639 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 200.2120, -42.0095, -12.4639 by changing the saturation by 10% instead.

■ 200.2120,
-42.0095, -12.4639

■ 200.2120,
-42.0095, -12.4639

255.0000, 0.0000,
0.0000

■ 172.4400,
-41.1359, -12.6639

■ 241.9070,
-35.9432, 1.8356

■ 145.5540,
-40.6991, -12.7639

■ 248.3880,
-25.3343, 5.7987

■ 118.5540,
-40.6991, -12.7639

■ 251.6940,
-12.6671, 2.8994

■ 91.6420, -44.1935,
-11.9640

■ 69.2530, -34.1417,
-16.0079

■ 47.3910, -23.3638,
-19.6369

■ 26.4150, -13.0226,

-23.1660

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 200.2120,
-42.0095, -12.4639

■ 200.2120,
-42.0095, -12.4639

■ 195.3120,
-50.4398, -15.1826

■ 205.1120,
-33.5792, -9.7452

■ 190.2980,
-59.3069, -17.8013

■ 210.1260,
-24.7121, -7.1265

■ 185.6970,
-67.8846, -19.9053

■ 214.7270,
-16.1344, -5.0226

■ 180.6830,
-76.7517, -22.5240

■ 219.7410, -7.2673,
-2.4039

■ 175.7830,
-85.1820, -25.2427

■ 224.6410, 1.1630,
0.3148

■ 175.1420,
-86.3450, -25.5575

■ 229.5410, 9.5933,
3.0335

■ 232.6170, 11.0348,
7.3519

■ 234.7100, 10.0030,
11.6553

■ 236.8030, 8.9711,
15.9588

Harmonies

Analogous

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



205.5550, -52.0386, 31.0853



200.2120, -42.0095, -12.4639



190.2390, -16.3868, -64.2306

Triad

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



200.2120, -42.0095, -12.4639



164.0800, 44.8236, -143.8982



197.7410, 6.5367, 50.2161

Complementary

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



200.2120, -42.0095, -12.4639



138.7880, 42.0095, 12.4639

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.



208.6270, 22.8619, 40.6691



200.2120, -42.0095, -12.4639



191.7420, 31.1862, -62.9177

Square

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



200.2120, -42.0095, -12.4639



168.1890, 42.7978, -147.5018



209.0050, 22.6755, 7.0116



195.2210, -18.3500, 52.4262

Rectangle

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



200.2120, -42.0095, -12.4639



171.4720, 10.1203, -119.6859



209.0050, 22.6755, 7.0116



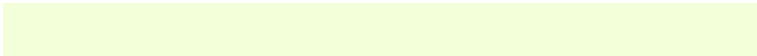
200.3800, 14.1097, 47.9017

Sweetspot

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



200.2120, -42.0095, -12.4639



246.7810, -14.6820, -4.1929



168.7230, -26.4854, 48.4779



122.6870, -8.7197, -3.2335



0.0000, 0.0000, 0.0000



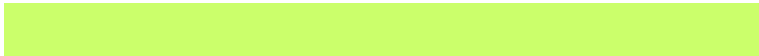
128.0000, 0.0000, 0.0000

Same Dimension

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



200.2120, -42.0095, -12.4639



222.5800, -56.9809, -17.1717



184.3650, -34.1969, -45.0471



109.5500, -4.2151, -1.3593



137.6970, -67.8846, -19.9053



37.7440, -18.6078, -5.0375

Inverse Universe

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



138.7880, 42.0095, 12.4639



139.4200, 56.9809, 17.1717



154.6350, 34.1969, 45.0471



103.4500, 4.2151, 1.3593



38.3030, 67.8846, 19.9053



10.5550, 18.4604, 5.6523

Previews

White Background



This preview shows how the YUV color 200.2120, -42.0095, -12.4639 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 200.2120, -42.0095, -12.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

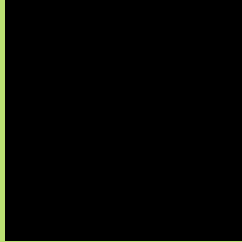
Any Text WCAG AA ✓ Pass

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 200.2120, -42.0095, -12.4639 Background



This preview shows how black text looks on a background with the YUV color 200.2120, -42.0095, -12.4639.



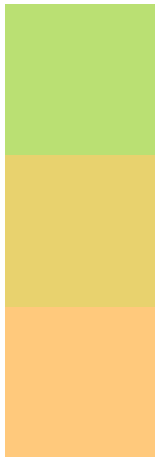
This preview shows how white text looks on a background with the YUV color 200.2120, -42.0095, -12.4639.

-12.4639.

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

200.2120, -42.0095, -12.4639

Protanopia

205.1780, -46.9228, 23.5229

Deuteranopia

208.3680, -41.5934, 40.8963



Tritanopia

209.9480, 8.8996, -7.8474

Trichromacy



Original Color

200.2120, -42.0095, -12.4639

Protanomaly

203.2580, -44.9902, 10.2977

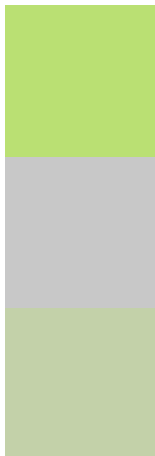
Deuteranomaly

205.2470, -41.5338, 21.7084

Tritanomaly

206.7140, -9.7190, -9.3962

Monochromacy



Original Color

200.2120, -42.0095, -12.4639

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.2540, -15.4082, -4.6078

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.2120, -42.0095, -12.4639 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(186, 224, 115)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 115)  
}
```

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(186, 224, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 115) }
```

Border

The CSS property to change the border of an element to YUV 200.2120, -42.0095, -12.4639 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(186, 224, 115) }
```


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

```
.border{ border-color:rgb(186, 224, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 224, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 224, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 224, 115);  
box-shadow:4px 4px 4px 4px rgb(186, 224,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 200.2120, -42.0095, -12.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 115) }
```

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

```
.background{ background-color: rgb(186,  
224, 115) }
```

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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