

Converting Colors

YUV(214.4590, -50.0193,
-10.0495)

Have a look what the booklet for
YUV(214.4590, -50.0193, -10.0495)
contains.

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Color

**YUV(214.4590, -50.0193,
-10.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	CBF071
RGB	203, 240, 113
RGB Percent	80%, 94%, 44%
CMY	0.2039, 0.0588, 0.5569
CMYK	0.15, 0.00, 0.53, 0.06
HSL	77°, 81%, 69%
HSV	77°, 53%, 94%
XYZ	58.7693, 76.2089, 27.2351
YIQ	214.4590, 18.7150, -47.3410

Conversions

Conversions Part 2

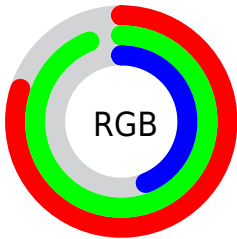
Format	Color
RYB	113, 240, 150
Decimal	13365361
CIELab	89.96, -30.74, 56.67
CIELCh	90, 64.471, 118.480
Yxy	76.2089, 0.3623, 0.4698
Android (android.graphics.Color)	4291555441 (0xFFCBF071)
YUV	214.4590, -50.0193, -10.0495
Hunter-Lab	87.2977, -32.6038, 42.6111

Details

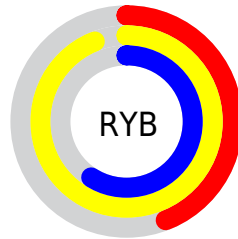
The YUV color **214.4590, -50.0193, -10.0495** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **138.5410, 50.0193, 10.0495**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.0820, -38.0014, 8.6981**, and **158.3880, -48.9983, -10.8643** is the 20% darker color. If you saturate the color by 10%, you get **209.6300, -59.4706, -11.9535**, and if you desaturate by 10%, it is **219.2880, -40.5680, -8.1456**.

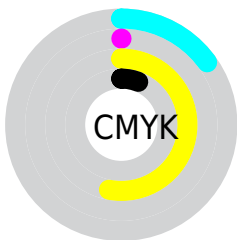
Distribution



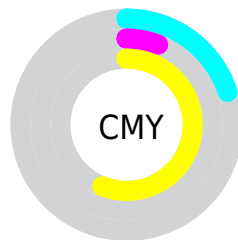
- Red (80%)
- Green (94%)
- Blue (44%)



- Red (44%)
- Yellow (94%)
- Blue (59%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.4590, -50.0193, -10.0495 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 214.4590, -50.0193, -10.0495 by changing the saturation by 10% instead.

■ 214.4590,
-50.0193, -10.0495

■ 214.4590,
-50.0193, -10.0495

255.0000, 0.0000,
0.0000

■ 186.2740,
-49.4351, -10.7643

■ 245.0820,
-38.0014, 8.6981

■ 158.3880,
-48.9983, -10.8643

■ 248.2740,
-25.7711, 5.8987

■ 131.1600,
-49.8719, -10.6643

■ 251.5800,
-13.1039, 2.9993

■ 104.4050,
-51.4717, -10.8792

254.8860, -0.4368,
0.1000

■ 81.0700, -39.9675,
-14.0934

■ 59.2080, -29.1895,
-17.7224

■ 35.5410, -17.5217,

-26.7845

■ 21.7190, -10.7075,
-19.0476

■ 0.0000, 0.0000,
0.0000

■ 214.4590,
-50.0193, -10.0495

■ 214.4590,
-50.0193, -10.0495

■ 209.6300,
-59.4706, -11.9535

■ 219.2880,
-40.5680, -8.1456

■ 204.8010,
-68.9219, -13.8575

■ 224.1170,
-31.1167, -6.2416

■ 199.9720,
-78.3732, -15.7614

■ 228.9460,
-21.6654, -4.3376

■ 195.1430,
-87.8245, -17.6654

■ 233.7750,
-12.2141, -2.4337

■ 191.7100,
-94.5130, -19.0397

■ 238.6040, -2.7628,
-0.5297

■ 243.2050, 5.8149,
1.5742

■ 245.2980, 4.7831,
5.8777

■ 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



217.7310, -59.0274, 32.6849



214.4590, -50.0193, -10.0495



203.1260, -21.7541, -69.3935

Triad

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



214.4590, -50.0193, -10.0495



175.2330, 39.3251, -153.6793



204.8310, 13.3943, 43.9982

Complementary

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



214.4590, -50.0193, -10.0495



138.5410, 50.0193, 10.0495

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.



215.0840, 19.6786, 35.0063



214.4590, -50.0193, -10.0495



196.0290, 29.0727, -85.0944

Square

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



214.4590, -50.0193, -10.0495



178.7550, 37.5888, -156.7681



220.2020, 17.1554, 4.2078



200.8120, -14.6973, 47.5229

Rectangle

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



214.4590, -50.0193, -10.0495



172.4850, 13.5649, -151.2693



220.2020, 17.1554, 4.2078



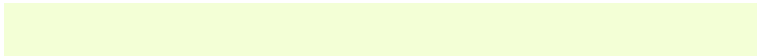
208.3990, 21.9883, 40.8691

Sweetspot

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



214.4590, -50.0193, -10.0495



246.7380, -16.1398, -3.2782



172.1050, -29.1388, 59.5439



122.7580, -9.7407, -2.4188



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.



214.4590, -50.0193, -10.0495



222.0660, -64.1225, -13.2129



195.9210, -40.8801, -48.1657



117.4360, -4.6519, -1.2594



146.8780, -72.4109, -14.8020



44.8320, -22.1022, -4.2377

Inverse Universe

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



138.5410, 50.0193, 10.0495



124.6350, 64.2699, 12.5981



157.0790, 40.8801, 48.1657



110.2650, 4.7994, 0.6446



36.8230, 72.5583, 14.1872



11.1680, 22.1022, 4.2377

Previews

White Background



This preview shows how the YUV color 214.4590, -50.0193, -10.0495 looks on a white background.

Color Contrast Check

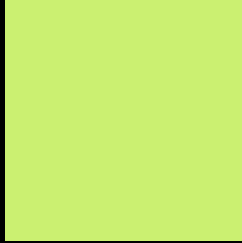
Large Text (above 18pt) WCAG AA × Fail

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 214.4590, -50.0193, -10.0495 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 214.4590, -50.0193, -10.0495 Background



This preview shows how black text looks on a background with the YUV color 214.4590, -50.0193, -10.0495.



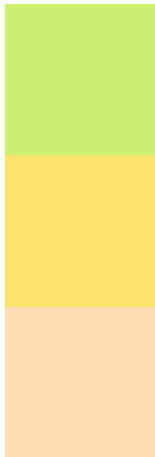
This preview shows how white text looks on a background with the YUV color 214.4590, -50.0193, -10.0495.

-10.0495.

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

214.4590, -50.0193, -10.0495

Protanopia

219.7240, -55.0799, 26.5521

Deuteranopia

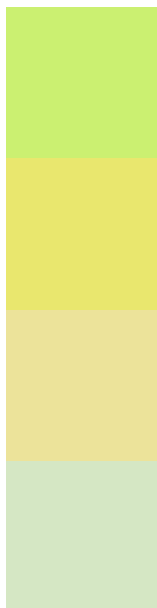
225.5630, -23.9416, 25.8162



Tritanopia

225.9590, 8.8942, -6.1030

Trichromacy



Original Color

214.4590, -50.0193, -10.0495

Protanomaly

217.8040, -53.1474, 13.3269

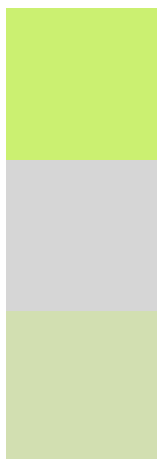
Deuteranomaly

221.3690, -33.2129, 12.8314

Tritanomaly

221.6280, -12.6346, -7.5668

Monochromacy



Original Color

214.4590, -50.0193, -10.0495

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.8690, -18.1764, -3.3931

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.4590, -50.0193, -10.0495 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(203, 240, 113)` looks like.

```
.text, #text, p{  
    color:rgb(203, 240, 113)  
}
```

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(203, 240, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 240, 113) }
```

Border

The CSS property to change the border of an element to YUV 214.4590, -50.0193, -10.0495 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(203, 240, 113) }
```


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

```
.border{ border-color:rgb(203, 240, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 240, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 240, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 240, 113); box-shadow:4px 4px 4px 4px rgb(203, 240, 113) }
```

Background

The CSS property to change the background color of an element to YUV 214.4590, -50.0193, -10.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 240, 113) }
```

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

```
.background{ background-color: rgb(203,  
240, 113) }
```

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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