

Converting Colors

YUV(213.5110, -62.3699,
-15.3571)

Have a look what the booklet for
YUV(213.5110, -62.3699, -15.3571)
contains.

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Color

**YUV(213.5110, -62.3699,
-15.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F757
RGB	196, 247, 87
RGB Percent	77%, 97%, 34%
CMY	0.2314, 0.0314, 0.6588
CMYK	0.21, 0.00, 0.65, 0.03
HSL	79°, 91%, 65%
HSV	79°, 65%, 97%
XYZ	57.7460, 78.9454, 21.2113
YIQ	213.5110, 20.9640, -60.5720

Conversions

Conversions Part 2

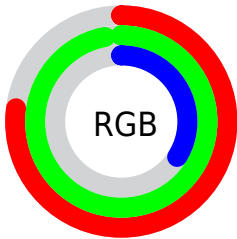
Format	Color
RYB	87, 247, 138
Decimal	12908375
CIELab	91.21, -38.63, 68.90
CIElCh	91, 78.995, 119.278
Yxy	78.9454, 0.3657, 0.5000
Android (android.graphics.Color)	4291098455 (0xFFC4F757)
YUV	213.5110, -62.3699, -15.3571
Hunter-Lab	88.8512, -39.4793, 48.0417

Details

The YUV color **213.5110, -62.3699, -15.3571** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **120.4890, 62.3699, 15.3571**, and the grayscale version is **214.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, -48.9214, 11.1975**, and **155.1860, -66.1537, -15.0721** is the 20% darker color. If you saturate the color by 10%, you get **208.2690, -72.1106, -17.7759**, and if you desaturate by 10%, it is **218.7530, -52.6292, -12.9384**.

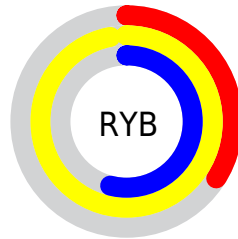
Distribution



Red (77%)

Green (97%)

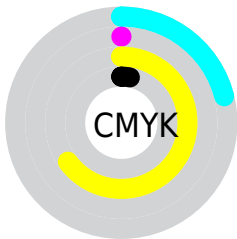
Blue (34%)



Red (34%)

Yellow (97%)

Blue (54%)

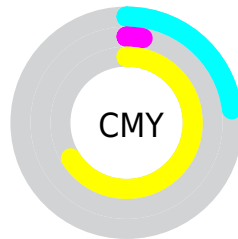


Cyan (21%)

Magenta (0%)

Yellow (65%)

Black (3%)



Cyan (23%)

Magenta (3%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5110, -62.3699, -15.3571 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 213.5110, -62.3699, -15.3571 by changing the saturation by 10% instead.

■ 213.5110,
-62.3699, -15.3571

■ 213.5110,
-62.3699, -15.3571

255.0000, 0.0000,
0.0000

■ 184.3970,
-62.8067, -15.2572

■ 242.2320,
-48.9214, 11.1975

■ 155.1860,
-66.1537, -15.0721

■ 245.5380,
-36.2542, 8.2982

■ 128.5710,
-63.3855, -16.2868

■ 248.8440,
-23.5871, 5.3988

■ 104.9370,
-51.7339, -20.1157

■ 252.1500,
-10.9200, 2.4994

■ 81.3030, -40.0824,
-23.9447

■ 56.4620, -27.8358,
-31.9772

■ 36.3940, -17.9422,

-31.9175

■ 24.0670, -11.8650,
-21.1068

■ 4.6960, -2.3151,
-4.1184

■ 213.5110,
-62.3699, -15.3571

■ 213.5110,
-62.3699, -15.3571

■ 208.2690,
-72.1106, -17.7759

■ 218.7530,
-52.6292, -12.9384

■ 203.1410,
-81.4145, -20.2947

■ 223.8810,
-43.3253, -10.4196

■ 197.8990,
-91.1552, -22.7134

■ 229.1230,
-33.5846, -8.0009

■ 195.2210,
-96.2440, -23.8728

■ 234.0660,
-23.6965, -6.1969

239.3080,
-13.9558, -3.7781

244.4360, -4.6519,
-1.2594

249.1080, 2.9048,
1.6593

250.3040, 2.3151,
4.1184

Harmonies

Analogous

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



215.6160, -74.7467, 34.5398



213.5110, -62.3699, -15.3571



192.0860, -21.2414, -93.9144

Triad

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



213.5110, -62.3699, -15.3571



178.7550, 37.5888, -156.7681



196.9550, 18.7562, 50.9055

Complementary

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



213.5110, -62.3699, -15.3571



120.4890, 62.3699, 15.3571

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



213.5110, -62.3699, -15.3571



169.3630, 42.2190, -148.5314

Square

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



213.5110, -62.3699, -15.3571



178.7550, 37.5888, -156.7681



220.8000, 16.8606, 5.4374



193.6880, -16.6082, 53.7706

Rectangle

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



213.5110, -62.3699, -15.3571



172.3710, 13.1281, -151.1694



220.8000, 16.8606, 5.4374



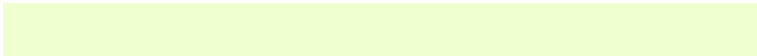
200.9960, 26.6240, 47.3615

Sweetspot

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



213.5110, -62.3699, -15.3571



245.0430, -18.7552, -4.4227



164.7770, -38.3441, 72.1096



121.5900, -11.6299, -3.1484



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.



213.5110, -62.3699, -15.3571



213.4770, -77.6362, -18.8353



189.5910, -50.5774, -64.5393



119.4360, -4.6519, -1.2594



147.1550, -72.5474, -17.6759



46.5930, -22.9703, -5.7821

Inverse Universe

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



120.4890, 62.3699, 15.3571



97.5230, 77.6362, 18.8353



144.4090, 50.5774, 64.5393



112.5640, 4.6519, 1.2594



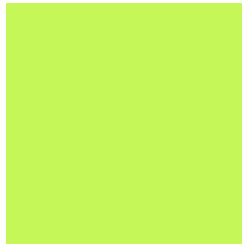
38.8450, 72.5474, 17.6759



12.4070, 22.9703, 5.7821

Previews

White Background



This preview shows how the YUV color 213.5110, -62.3699, -15.3571 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 213.5110, -62.3699, -15.3571 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 213.5110, -62.3699, -15.3571 Background



This preview shows how black text looks on a background with the YUV color 213.5110, -62.3699, -15.3571.



This preview shows how white text looks on a background with the YUV color 213.5110, -62.3699, -15.3571.

-15.3571.

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

213.5110, -62.3699, -15.3571

Protanopia

221.2700, -63.2371, 29.5812

Deuteranopia

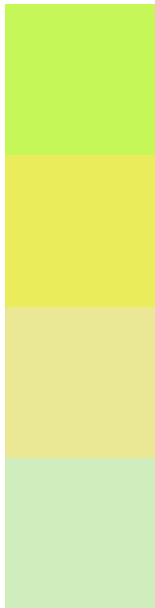
228.8230, -21.6047, 22.9572



Tritanopia

228.2680, 10.2209, -11.6360

Trichromacy



Original Color

213.5110, -62.3699, -15.3571

Protanomaly

218.8720, -63.0409, 13.2673

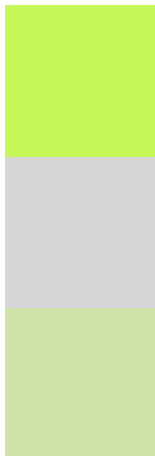
Deuteranomaly

223.1360, -36.5490, 9.5277

Tritanomaly

222.9710, -16.2547, -13.1296

Monochromacy



Original Color

213.5110, -62.3699, -15.3571

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.7070, -22.5336, -5.8820

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5110, -62.3699, -15.3571 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(196, 247, 87)` looks like.

```
.text, #text, p{  
    color:rgb(196, 247, 87)  
}
```

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(196, 247, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 247, 87) }
```

Border

The CSS property to change the border of an element to YUV 213.5110, -62.3699, -15.3571 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(196, 247, 87) }
```


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

```
.border{ border-color:rgb(196, 247, 87) }
```

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

Here you see how a box with a 4 pixel rgb(196, 247, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 247, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 247, 87);  
box-shadow:4px 4px 4px 4px rgb(196, 247,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 213.5110, -62.3699, -15.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 247, 87) }
```

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

```
.background{ background-color: rgb(196,  
247, 87) }
```

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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