

Converting Colors

YUV(223.5370, -51.5367,
10.0531)

Have a look what the booklet for
YUV(223.5370, -51.5367, 10.0531)
contains.

YUV(223.5370, -51.5367, 10.0531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(223.5370, -51.5367,
10.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEE77
RGB	235, 238, 119
RGB Percent	92%, 93%, 47%
CMY	0.0784, 0.0667, 0.5333
CMYK	0.01, 0.00, 0.50, 0.07
HSL	62°, 78%, 70%
HSV	62°, 50%, 93%
XYZ	68.1653, 80.1431, 29.3292
YIQ	223.5370, 36.4110, -37.6450

Conversions

Conversions Part 2

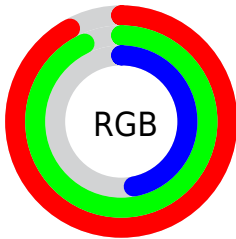
Format	Color
RYB	119, 238, 122
Decimal	15462007
CIELab	91.75, -16.88, 56.61
CIELCh	92, 59.073, 106.606
Yxy	80.1431, 0.3837, 0.4512
Android (android.graphics.Color)	4293652087 (0xFFEBEE77)
YUV	223.5370, -51.5367, 10.0531
Hunter-Lab	89.5227, -20.7495, 43.2414

Details

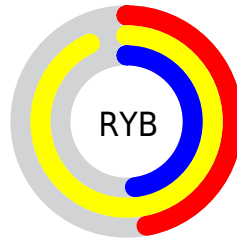
The YUV color $223.5370, -51.5367, 10.0531$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $133.4630, 51.5367, -10.0531$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.7660, -35.3806, 8.0982$, and $167.2810, -49.9315, 8.5236$ is the 20% darker color. If you saturate the color by 10%, you get $220.5020, -61.8725, 11.8377$, and if you desaturate by 10%, it is $226.5720, -41.2010, 8.2684$.

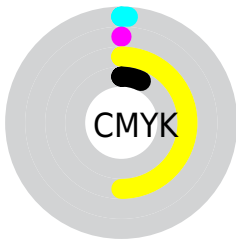
Distribution



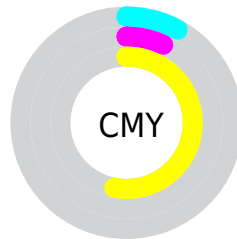
- Red (92%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (8%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.5370, -51.5367, 10.0531 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 223.5370, -51.5367, 10.0531 by changing the saturation by 10% instead.

■ 223.5370,
-51.5367, 10.0531

■ 223.5370,
-51.5367, 10.0531

■ 255.0000, 0.0000,
0.0000

■ 195.3520,
-50.9525, 9.3383

■ 245.7660,
-35.3806, 8.0982

■ 167.2810,
-49.9315, 8.5236

■ 248.9580,
-23.1503, 5.2988

■ 139.8680,
-50.2209, 8.0088

■ 252.2640,
-10.4832, 2.3995

■ 112.4890,
-55.4571, 7.4641

■ 89.7410, -44.2423,
3.7351

■ 67.5910, -33.3224,
1.2357

■ 46.6040, -22.9758,

-4.0377

■ 26.2150, -12.9240,
-8.0816

■ 7.0440, -3.4727,
-6.1776

■ 223.5370,
-51.5367, 10.0531

■ 223.5370,
-51.5367, 10.0531

■ 220.5020,
-61.8725, 11.8377

■ 226.5720,
-41.2010, 8.2684

■ 217.7660,
-72.3556, 14.2372

■ 229.3080,
-30.7178, 5.8689

■ 214.8450,
-82.2546, 15.9219

■ 232.2290,
-20.8189, 4.1842

■ 212.1090,
-92.7377, 18.3214

■ 234.9650,
-10.3357, 1.7847

■ 209.0740,
-103.0735, 20.1061

■ 238.0000, 0.0000,
0.0000

■ 240.2370, 7.2782,
-1.0848

■ 240.5360, 7.1308,
-0.4701

Harmonies

Analogous

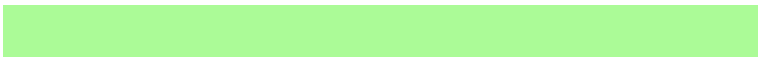
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.4780, -48.5497, 32.0298



223.5370, -51.5367, 10.0531



215.6800, -31.8872, -39.1844

Triad

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



223.5370, -51.5367, 10.0531



178.7550, 37.5888, -156.7681



215.6710, 19.3892, 34.4915

Complementary

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



223.5370, -51.5367, 10.0531



133.4630, 51.5367, -10.0531

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.



225.0630, 14.7589, 26.2547



223.5370, -51.5367, 10.0531



191.4230, 31.3435, -113.5040

Square

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



223.5370, -51.5367, 10.0531



178.7550, 37.5888, -156.7681



220.3360, 17.0894, -21.3427



208.4550, -3.1823, 40.8200

Rectangle

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



223.5370, -51.5367, 10.0531



205.6440, -10.6705, -77.7408



220.3360, 17.0894, -21.3427



218.0190, 18.2316, 32.4323

Sweetspot

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



223.5370, -51.5367, 10.0531



250.3690, -16.4509, 3.1844



155.7550, -18.1202, 72.1289



125.0790, -9.8989, 1.6847



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.



223.5370, -51.5367, 10.0531



236.3620, -66.2405, 12.8375



206.1950, -42.9871, -25.6040



118.6320, -5.2416, 1.1997



161.5290, -79.6338, 15.3221



49.3170, -24.3133, 4.9840

Inverse Universe

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



133.4630, 51.5367, -10.0531



120.6380, 66.2405, -12.8375



150.8050, 42.9871, 25.6040



109.3680, 5.2416, -1.1997



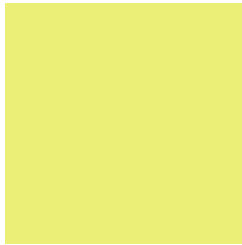
22.4710, 79.6338, -15.3221



6.6830, 24.3133, -4.9840

Previews

White Background



This preview shows how the YUV color 223.5370, -51.5367, 10.0531 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 223.5370, -51.5367, 10.0531 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 223.5370, -51.5367, 10.0531 Background



This preview shows how black text looks on a background with the YUV color 223.5370, -51.5367, 10.0531.



This preview shows how white text looks on a background with the YUV color 223.5370, -51.5367, 10.0531.

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

223.5370, -51.5367, 10.0531

Protanopia

225.5220, -52.0223, 25.8522

Deuteranopia

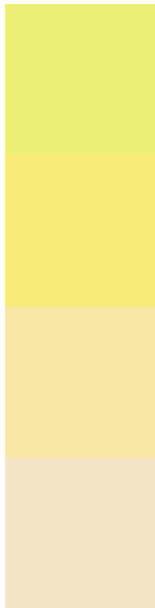
231.6100, -18.5417, 20.5130



Tritanopia

233.2280, 4.3246, 12.9550

Trichromacy



Original Color

223.5370, -51.5367, 10.0531

Protanomaly

225.1900, -51.8587, 20.0044

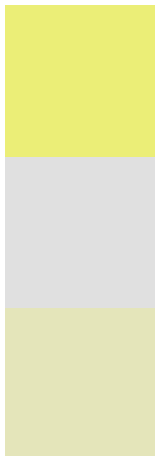
Deuteranomaly

228.7870, -30.4610, 16.8498

Tritanomaly

229.5380, -16.0412, 11.8062

Monochromacy



Original Color

223.5370, -51.5367, 10.0531

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

223.7990, -18.6349, 3.6843

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.5370, -51.5367, 10.0531 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(235, 238, 119)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 119)  
}
```

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(235, 238, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 119) }
```

Border

The CSS property to change the border of an element to YUV 223.5370, -51.5367, 10.0531 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(235, 238, 119) }
```


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

```
.border{ border-color:rgb(235, 238, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 238, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 119);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 223.5370, -51.5367, 10.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 119) }
```

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

```
.background{ background-color: rgb(235,  
238, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor