

Converting Colors

YUV(210.3240, -55.3757,
-18.7011)

Have a look what the booklet for
YUV(210.3240, -55.3757, -18.7011)
contains.

YUV(210.3240, -55.3757, -18.7011)	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(210.3240, -55.3757,
-18.7011)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF362
RGB	189, 243, 98
RGB Percent	74%, 95%, 38%
CMY	0.2588, 0.0471, 0.6157
CMYK	0.22, 0.00, 0.60, 0.05
HSL	82°, 86%, 67%
HSV	82°, 60%, 95%
XYZ	55.2415, 75.8018, 23.2750
YIQ	210.3240, 14.3610, -56.5430

Conversions

Conversions Part 2

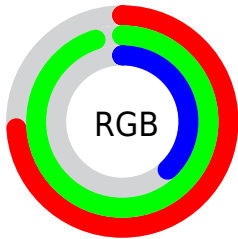
Format	Color
RYB	98, 243, 152
Decimal	12448610
CIELab	89.77, -38.63, 62.77
CIELCh	90, 73.706, 121.606
Yxy	75.8018, 0.3580, 0.4912
Android (android.graphics.Color)	4290638690 (0xFFBDF362)
YUV	210.3240, -55.3757, -18.7011
Hunter-Lab	87.0643, -39.1058, 45.0949

Details

The YUV color **210.3240, -55.3757, -18.7011** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **130.6760, 55.3757, 18.7011**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2790, -43.5215, 5.8943**, and **153.7970, -56.1019, -19.1160** is the 20% darker color. If you saturate the color by 10%, you get **204.8970, -64.5322, -21.8347**, and if you desaturate by 10%, it is **215.7510, -46.2192, -15.5676**.

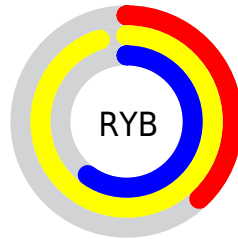
Distribution



Red (74%)

Green (95%)

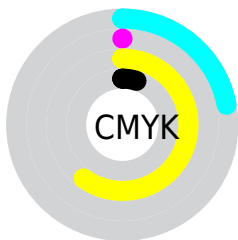
Blue (38%)



Red (38%)

Yellow (95%)

Blue (60%)

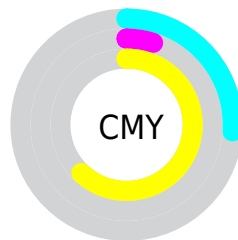


Cyan (22%)

Magenta (0%)

Yellow (60%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.3240, -55.3757, -18.7011 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 210.3240, -55.3757, -18.7011 by changing the saturation by 10% instead.

■ 210.3240,
-55.3757, -18.7011

■ 210.3240,
-55.3757, -18.7011

255.0000, 0.0000,
0.0000

■ 181.4380,
-54.9389, -18.8011

■ 241.2790,
-43.5215, 5.8943

■ 153.7970,
-56.1019, -19.1160

■ 246.6780,
-31.8863, 7.2984

■ 124.4290,
-61.3435, -17.9162

■ 249.8700,
-19.6559, 4.4990

■ 100.7950,
-49.6919, -21.7452

■ 253.1760, -6.9888,
1.5996

■ 77.1610, -38.0404,
-25.5742

■ 52.6080, -25.9357,
-34.7362

■ 34.6330, -17.0741,

-30.3731

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 210.3240,
-55.3757, -18.7011

■ 210.3240,
-55.3757, -18.7011

■ 204.8970,
-64.5322, -21.8347

■ 215.7510,
-46.2192, -15.5676

■ 199.3560,
-74.1255, -24.8682

■ 221.2920,
-36.6260, -12.5341

■ 193.9290,
-83.2820, -28.0017

■ 226.7190,
-27.4695, -9.4006

■ 188.5020,
-92.4385, -31.1353

■ 232.1460,
-18.3130, -6.2670

■ 188.3880,
-92.8753, -31.0353

■ 237.5730, -9.1565,
-3.1335

■ 243.1140, 0.4368,
-0.1000

■ 247.0590, 3.9149,
4.3333

■ 247.9560, 3.4727,
6.1776

Harmonies

Analogous

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



215.6960, -69.3631, 34.4696



210.3240, -55.3757, -18.7011



192.8840, -18.1838, -94.6143

Triad

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



210.3240, -55.3757, -18.7011



175.8200, 39.0357, -154.1941



196.9890, 13.8094, 50.8756

Complementary

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



210.3240, -55.3757, -18.7011



130.6760, 55.3757, 18.7011

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.



209.2140, 22.5725, 40.1543



210.3240, -55.3757, -18.7011



186.4830, 33.7789, -101.2786

Square

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



210.3240, -55.3757, -18.7011



178.7550, 37.5888, -156.7681



219.6590, 17.4231, 11.7001



194.9930, -19.2235, 52.6261

Rectangle

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



210.3240, -55.3757, -18.7011



172.8270, 14.8753, -151.5693



219.6590, 17.4231, 11.7001



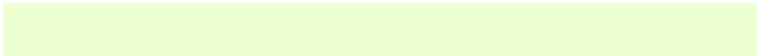
200.8990, 23.7138, 47.4466

Sweetspot

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



210.3240, -55.3757, -18.7011



244.6730, -17.5868, -5.8522



172.4660, -36.7117, 61.8583



121.4050, -11.0457, -3.8632



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.



210.3240, -55.3757, -18.7011



213.6920, -70.3472, -23.4089



188.7960, -44.7624, -62.9651



119.4360, -4.6519, -1.2594



144.1650, -71.0733, -23.8237



45.6960, -22.5281, -7.6264

Inverse Universe

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



130.6760, 55.3757, 18.7011



112.6070, 70.1997, 24.0237



152.2040, 44.7624, 62.9651



112.8630, 4.5045, 1.8741



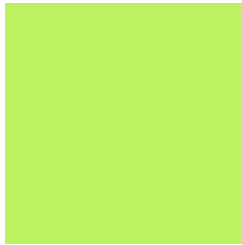
41.8350, 71.0733, 23.8237



13.3040, 22.5281, 7.6264

Previews

White Background



This preview shows how the YUV color 210.3240, -55.3757, -18.7011 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 210.3240, -55.3757, -18.7011 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 210.3240, -55.3757, -18.7011 Background



This preview shows how black text looks on a background with the YUV color 210.3240, -55.3757, -18.7011.



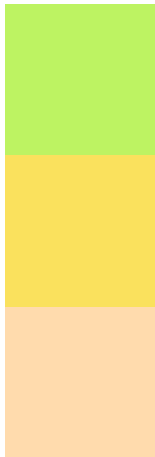
This preview shows how white text looks on a background with the YUV color 210.3240, -55.3757, -18.7011.

-18.7011.

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

210.3240, -55.3757, -18.7011

Protanopia

217.4270, -61.3425, 28.5665

Deuteranopia

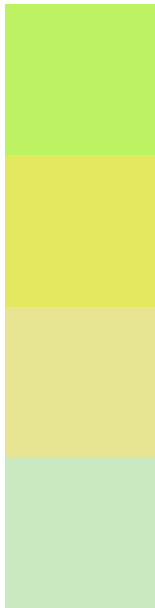
224.5200, -25.3994, 26.7310



Tritanopia

224.0720, 10.8105, -14.0951

Trichromacy



Original Color

210.3240, -55.3757, -18.7011

Protanomaly

215.1860, -59.2517, 11.2379

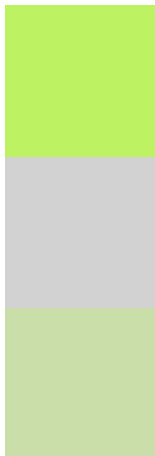
Deuteranomaly

219.5490, -36.2597, 10.0425

Tritanomaly

218.7580, -13.1917, -15.5738

Monochromacy



Original Color

210.3240, -55.3757, -18.7011

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9780, -20.2022, -6.9967

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.3240, -55.3757, -18.7011 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, 243, 98)` looks like.

```
.text, #text, p{  
    color:rgb(189, 243, 98)  
}
```

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, 243, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 98) }
```

Border

The CSS property to change the border of an element to YUV 210.3240, -55.3757, -18.7011 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, 243, 98) }
```


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

```
.border{ border-color:rgb(189, 243, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 243, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 243, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 243, 98);  
box-shadow:4px 4px 4px 4px rgb(189, 243,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 210.3240, -55.3757, -18.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 243, 98) }
```

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

```
.background{ background-color: rgb(189,  
243, 98) }
```

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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