

Converting Colors

YUV(180.7140, -43.7360,
-65.5242)

Have a look what the booklet for
YUV(180.7140, -43.7360, -65.5242)
contains.

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Color

**YUV(180.7140, -43.7360,
-65.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	6AEC5C
RGB	106, 236, 92
RGB Percent	42%, 93%, 36%
CMY	0.5843, 0.0745, 0.6392
CMYK	0.55, 0.00, 0.61, 0.07
HSL	114°, 79%, 64%
HSV	114°, 61%, 93%
XYZ	37.8711, 63.8278, 20.4492
YIQ	180.7140, -31.2560, -72.3440

Conversions

Conversions Part 2

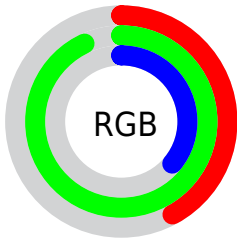
Format	Color
RYB	92, 236, 222
Decimal	7007324
CIELab	83.88, -62.57, 57.67
CIELCh	84, 85.094, 137.338
Yxy	63.8278, 0.3100, 0.5225
Android (android.graphics.Color)	4285197404 (0xFF6AEC5C)
YUV	180.7140, -43.7360, -65.5242
Hunter-Lab	79.8923, -55.1977, 40.7488

Details

The YUV color **180.7140, -43.7360, -65.5242** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **147.2860, 43.7360, 65.5242**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3760, -34.2024, -43.3028**, and **118.6310, -41.2301, -75.9754** is the 20% darker color. If you saturate the color by 10%, you get **171.6990, -51.1236, -76.0350**, and if you desaturate by 10%, it is **189.7290, -36.3484, -55.0133**.

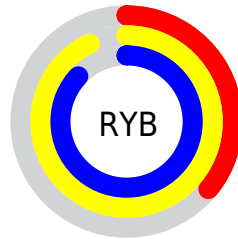
Distribution



Red (42%)

Green (93%)

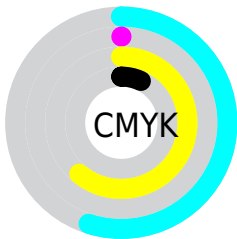
Blue (36%)



Red (36%)

Yellow (93%)

Blue (87%)

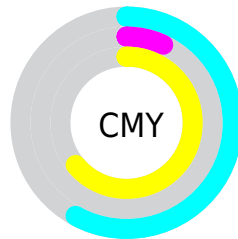


Cyan (55%)

Magenta (0%)

Yellow (61%)

Black (7%)



Cyan (58%)

Magenta (7%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.7140, -43.7360, -65.5242 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 180.7140, -43.7360, -65.5242 by changing the saturation by 10% instead.

■ 180.7140,
-43.7360, -65.5242

■ 180.7140,
-43.7360, -65.5242

255.0000, 0.0000,
0.0000

■ 150.7460,
-42.2728, -68.1832

■ 216.3760,
-34.2024, -43.3028

■ 118.6310,
-41.2301, -75.9754

■ 228.5380,
-26.3942, -27.6588

■ 88.6370, -43.6980,
-77.7346

■ 240.9990,
-18.7335, -11.4001

■ 73.3750, -36.1739,
-64.3499

■ 252.3780,
-10.0464, 2.2995

■ 57.5260, -28.3603,
-50.4503

■ 42.8510, -21.1255,
-37.5803

■ 29.3500, -14.4695,

-25.7399

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 180.7140,
-43.7360, -65.5242

■ 180.7140,
-43.7360, -65.5242

■ 171.6990,
-51.1236, -76.0350

■ 189.7290,
-36.3484, -55.0133

■ 162.4990,
-57.9270, -87.2606

■ 198.9290,
-29.5450, -43.7877

■ 153.4840,
-65.3146, -97.7715

■ 207.9440,
-22.1574, -33.2769

■ 145.4090,
-71.6866, -107.3527

■ 216.8450,
-15.2066, -22.6661

■ 226.1590, -7.9664,
-11.5404

■ 235.1740, -0.5788,
-1.0296

■ 243.8470, 5.4984,
9.7812

Harmonies

Analogous

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



191.6010, -85.5853, 10.8739



180.7140, -43.7360, -65.5242



162.7220, 4.0811, -142.7072

Triad

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



180.7140, -43.7360, -65.5242



162.9060, 45.4023, -142.8686



172.0660, -2.9905, 72.7331

Complementary

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



180.7140, -43.7360, -65.5242



147.2860, 43.7360, 65.5242

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.



183.0610, 31.5219, 63.0905



180.7140, -43.7360, -65.5242



188.6070, 32.7317, -45.2593

Square

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



180.7140, -43.7360, -65.5242



171.1240, 41.3509, -150.0757



202.7570, 25.7558, 45.8171



180.1800, -42.9797, 65.6171

Rectangle

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



180.7140, -43.7360, -65.5242



170.8670, 27.6736, -149.8504



202.7570, 25.7558, 45.8171



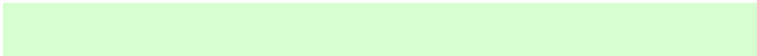
173.3830, 9.6712, 71.5781

Sweetspot

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



180.7140, -43.7360, -65.5242



237.4970, -14.0490, -20.6069



211.3660, -58.8474, 21.6040



116.9200, -8.8346, -13.0848



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.



180.7140, -43.7360, -65.5242



183.5640, -56.4801, -84.6866



183.1400, -16.3380, -79.9298



112.7560, -3.3307, -5.0480



111.6290, -55.0331, -82.1126



33.1930, -16.3641, -24.7253

Inverse Universe

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



147.2860, 43.7360, 65.5242



140.4360, 56.4801, 84.6866



144.8600, 16.3380, 79.9298



110.2440, 3.3307, 5.0480



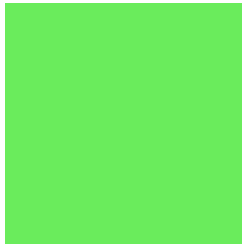
69.3710, 55.0331, 82.1126



20.5080, 16.5116, 24.1105

Previews

White Background



This preview shows how the YUV color 180.7140, -43.7360, -65.5242 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 180.7140, -43.7360, -65.5242 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

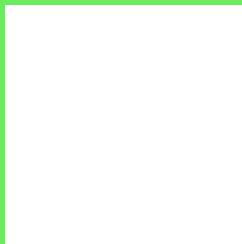
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.7140, -43.7360, -65.5242 Background



This preview shows how black text looks on a background with the YUV color 180.7140, -43.7360, -65.5242.



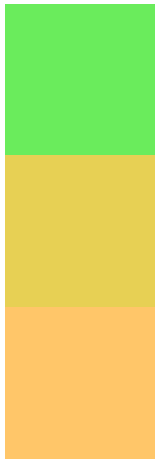
This preview shows how white text looks on a background with the YUV color 180.7140, -43.7360, -65.5242.

-65.5242.

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

180.7140, -43.7360, -65.5242

Protanopia

200.7410, -57.5533, 26.5371

Deuteranopia

204.4410, -49.0244, 44.3402



Tritanopia

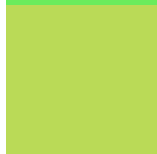
198.2350, 20.0971, -52.8261

Trichromacy



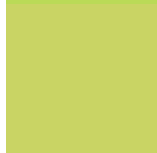
Original Color

180.7140, -43.7360, -65.5242



Protanomaly

193.4980, -52.5035, -6.5757



Deuteranomaly

195.9430, -47.2999, 4.4350



Tritanomaly

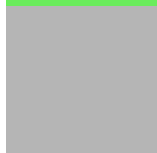
191.5400, -2.7312, -57.4786

Monochromacy



Original Color

180.7140, -43.7360, -65.5242



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0190, -15.7854, -23.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.7140, -43.7360, -65.5242 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(106, 236, 92)` looks like.

```
.text, #text, p{  
    color:rgb(106, 236, 92)  
}
```

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(106, 236, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 236, 92) }
```

Border

The CSS property to change the border of an element to YUV 180.7140, -43.7360, -65.5242 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(106, 236, 92) }
```


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

```
.border{ border-color:rgb(106, 236, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 236, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 236, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 236, 92);  
box-shadow:4px 4px 4px 4px rgb(106, 236,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 180.7140, -43.7360, -65.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 236, 92) }
```

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

```
.background{ background-color: rgb(106,  
236, 92) }
```

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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