

Converting Colors

YUV(186.8540, -35.4240,
22.0530)

Have a look what the booklet for
YUV(186.8540, -35.4240, 22.0530)
contains.

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Color

**YUV(186.8540, -35.4240,
22.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BC73
RGB	212, 188, 115
RGB Percent	83%, 74%, 45%
CMY	0.1686, 0.2627, 0.5490
CMYK	0.00, 0.11, 0.46, 0.17
HSL	45°, 53%, 64%
HSV	45°, 46%, 83%
XYZ	48.2291, 51.2013, 23.5605
YIQ	186.8540, 37.7370, -17.6150

Conversions

Conversions Part 2

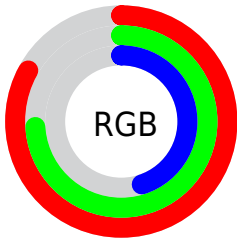
Format	Color
RYB	147, 212, 115
Decimal	13941875
CIELab	76.80, -1.20, 39.93
CIELCh	77, 39.948, 91.719
Yxy	51.2013, 0.3921, 0.4163
Android (android.graphics.Color)	4292131955 (0xFFD4BC73)
YUV	186.8540, -35.4240, 22.0530
Hunter-Lab	71.5551, -4.9099, 30.5665

Details

The YUV color $186.8540, -35.4240, 22.0530$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $140.1460, 35.4240, -22.0530$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6250, -34.8181, 14.3609$, and $133.2990, -33.6714, 19.9088$ is the 20% darker color. If you saturate the color by 10%, you get $181.5250, -43.1498, 26.7266$, and if you desaturate by 10%, it is $192.1830, -27.6982, 17.3795$.

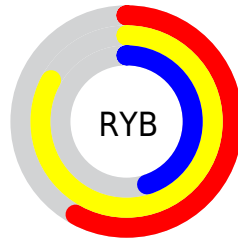
Distribution



Red (83%)

Green (74%)

Blue (45%)



Red (58%)

Yellow (83%)

Blue (45%)

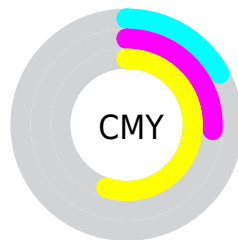


Cyan (0%)

Magenta (11%)

Yellow (46%)

Black (17%)



Cyan (17%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.8540, -35.4240, 22.0530 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 186.8540, -35.4240, 22.0530 by changing the saturation by 10% instead.

■ 186.8540,
-35.4240, 22.0530

■ 186.8540,
-35.4240, 22.0530

255.0000, 0.0000,
0.0000

■ 159.4840,
-34.2556, 20.6235

■ 238.6250,
-34.8181, 14.3609

■ 133.2990,
-33.6714, 19.9088

■ 248.2740,
-25.7711, 5.8987

■ 107.5160,
-32.7924, 17.9645

■ 251.4660,
-13.5407, 3.0993

■ 82.6900, -33.3712,
16.9349

254.7720, -0.8736,
0.2000

■ 59.7050, -29.4346,
14.2907

■ 39.3160, -19.3828,
10.2469

■ 20.4000, -10.0572,

5.7882

■ 0.0000, 0.0000,
0.0000

■ 186.8540,
-35.4240, 22.0530

■ 186.8540,
-35.4240, 22.0530

■ 181.5250,
-43.1498, 26.7266

■ 192.1830,
-27.6982, 17.3795

■ 176.1960,
-50.8756, 31.4001

■ 197.5120,
-19.9724, 12.7060

■ 170.1660,
-58.7488, 36.6884

■ 203.5420,
-12.0992, 7.4177

■ 164.8370,
-66.4746, 41.3620

■ 208.8710, -4.3734,
2.7441

■ 159.5080,
-74.2004, 46.0355

■ 214.2000, 3.3524,
-1.9294

■ 157.3080,
-77.5528, 47.9649

■ 219.5290, 11.0782,
-6.6029

■ 224.5330, 15.0202,
-10.9914

■ 227.4680, 13.5733,
-13.5654

■ 230.4030, 12.1263,
-16.1394

Harmonies

Analogous

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



189.6320, -31.8636, 46.8037



186.8540, -35.4240, 22.0530



182.7900, -28.4905, -8.5858

Triad

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



186.8540, -35.4240, 22.0530



159.0370, 33.5058, -107.0264



194.8410, 14.8684, 37.8504

Complementary

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



186.8540, -35.4240, 22.0530



140.1460, 35.4240, -22.0530

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.



192.7040, 29.2329, 3.7676



186.8540, -35.4240, 22.0530



170.8410, 40.9974, -83.1756

Square

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



186.8540, -35.4240, 22.0530



167.9640, 10.8637, -78.0214



183.6340, 35.1834, -38.2670



192.2980, -1.6259, 54.9897

Rectangle

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



186.8540, -35.4240, 22.0530



179.1060, -17.8003, -30.7880



183.6340, 35.1834, -38.2670



194.8550, 20.2845, 27.3142

Sweetspot

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



186.8540, -35.4240, 22.0530



245.6130, -13.1202, 8.2324



146.7390, -3.8153, 57.2339



121.9700, -7.8732, 5.2883



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.



186.8540, -35.4240, 22.0530



218.4950, -51.0230, 32.0149



193.7660, -38.8316, -5.0568



103.9850, -3.9366, 2.6442



126.8520, -62.5380, 38.7178



32.2280, -15.8884, 9.4470

Inverse Universe

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



140.1460, 35.4240, -22.0530



150.9180, 51.3124, -31.5001



133.2340, 38.8316, 5.0568



99.0150, 3.9366, -2.6442



44.1480, 62.5380, -38.7178



11.3590, 15.5990, -9.9618

Previews

White Background



This preview shows how the YUV color 186.8540, -35.4240, 22.0530 looks on a white background.

Color Contrast Check

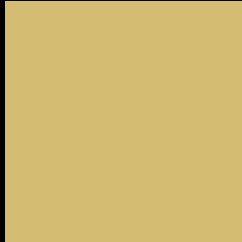
Large Text (above 18pt) WCAG AA × Fail

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 186.8540, -35.4240, 22.0530 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 186.8540, -35.4240, 22.0530

Background



This preview shows how black text looks on a background with the YUV color 186.8540, -35.4240, 22.0530.



This preview shows how white text looks on a background with the YUV color 186.8540, -35.4240, 22.0530.

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

186.8540, -35.4240, 22.0530

Protanopia

186.6470, -34.8290, 17.8496

Deuteranopia

188.0560, -35.0306, 35.9079



Tritanopia

192.8550, 0.0715, 23.8062

Trichromacy



Original Color

186.8540, -35.4240, 22.0530

Protanomaly

186.6580, -34.8344, 19.5939

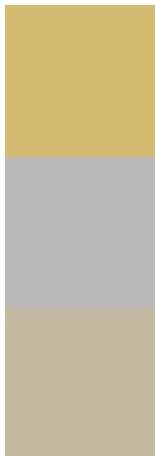
Deuteranomaly

187.9090, -35.4511, 30.7748

Tritanomaly

190.5270, -12.5848, 23.2168

Monochromacy



Original Color

186.8540, -35.4240, 22.0530

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.7270, -12.6834, 8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.8540, -35.4240, 22.0530 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(212, 188, 115)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 115)  
}
```

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(212, 188, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 115) }
```

Border

The CSS property to change the border of an element to YUV 186.8540, -35.4240, 22.0530 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(212, 188, 115) }
```


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

```
.border{ border-color:rgb(212, 188, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 115);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 186.8540, -35.4240, 22.0530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 115) }
```

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

```
.background{ background-color: rgb(212,  
188, 115) }
```

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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