

Converting Colors

YUV(188.2100, -42.0085,
34.0188)

Have a look what the booklet for
YUV(188.2100, -42.0085, 34.0188)
contains.

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Color

**YUV(188.2100, -42.0085,
34.0188)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B967
RGB	227, 185, 103
RGB Percent	89%, 73%, 40%
CMY	0.1098, 0.2745, 0.5961
CMYK	0.00, 0.19, 0.55, 0.11
HSL	40°, 69%, 65%
HSV	40°, 55%, 89%
XYZ	51.4757, 52.0081, 20.1575
YIQ	188.2100, 51.3540, -16.5980

Conversions

Conversions Part 2

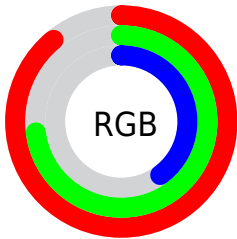
Format	Color
RYB	167, 227, 103
Decimal	14924135
CIELab	77.29, 5.47, 46.85
CIELCh	77, 47.168, 83.345
Yxy	52.0081, 0.4163, 0.4206
Android (android.graphics.Color)	4293114215 (0xFFE3B967)
YUV	188.2100, -42.0085, 34.0188
Hunter-Lab	72.1166, 1.2063, 33.9094

Details

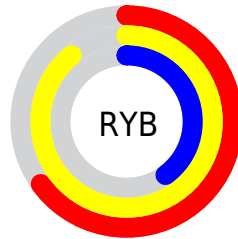
The YUV color **188.2100, -42.0085, 34.0188** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **141.7900, 42.0085, -34.0188**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.4960, -39.1915, 17.1050**, and **133.9430, -40.3979, 30.7450** is the 20% darker color. If you saturate the color by 10%, you get **180.8920, -49.7398, 40.4367**, and if you desaturate by 10%, it is **195.5280, -34.2773, 27.6009**.

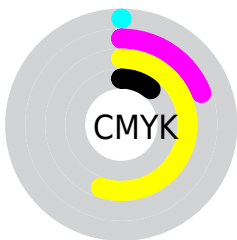
Distribution



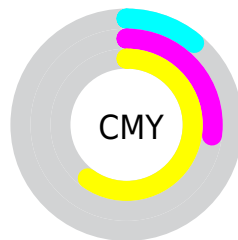
- Red (89%)
- Green (73%)
- Blue (40%)



- Red (65%)
- Yellow (89%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (55%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2100, -42.0085, 34.0188 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 188.2100, -42.0085, 34.0188 by changing the saturation by 10% instead.

■ 188.2100,
-42.0085, 34.0188

■ 188.2100,
-42.0085, 34.0188

■ 255.0000, 0.0000,
0.0000

■ 160.8400,
-40.8401, 32.5893

■ 235.4960,
-39.1915, 17.1050

■ 133.9430,
-40.3979, 30.7450

■ 246.7920,
-31.4495, 7.1984

■ 108.0460,
-39.9557, 28.9007

■ 249.9840,
-19.2191, 4.3990

■ 82.5080, -40.6764,
26.7415

■ 253.2900, -6.5520,
1.4997

■ 61.2330, -30.1879,
22.5977

■ 40.8330, -20.1307,
16.8095

■ 21.6180, -10.6577,

11.7360

■ 0.0000, 0.0000,
0.0000

■ 188.2100,
-42.0085, 34.0188

■ 188.2100,
-42.0085, 34.0188

■ 180.8920,
-49.7398, 40.4367

■ 195.5280,
-34.2773, 27.6009

■ 174.2750,
-57.3236, 46.2398

■ 202.1450,
-26.6935, 21.7978

■ 166.9570,
-65.0548, 52.6577

■ 209.4630,
-18.9623, 15.3799

■ 159.6390,
-72.7860, 59.0756

■ 216.7810,
-11.2310, 8.9621

■ 155.9230,
-76.8700, 62.3345

■ 223.5120, -3.2104,
3.0590

■ 230.7160, 4.0840,
-3.2589

■ 237.2360, 8.7577,
-8.9770

■ 241.9320, 6.4425,
-13.0954

■ 246.0410, 4.4168,
-16.6990

Harmonies

Analogous

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



189.3560, -33.2065, 57.5698



188.2100, -42.0085, 34.0188



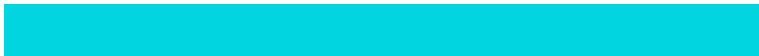
184.1410, -37.5375, -0.1237

Triad

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



188.2100, -42.0085, 34.0188



150.5670, 36.2025, -132.0473



196.4090, 23.4624, 34.7213

Complementary

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



188.2100, -42.0085, 34.0188



141.7900, 42.0085, -34.0188

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.



190.3110, 31.8917, -9.0427



188.2100, -42.0085, 34.0188



151.7530, 50.9008, -133.0874

Square

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



188.2100, -42.0085, 34.0188



164.5730, 7.1125, -88.2025



175.4950, 39.1960, -65.3321



191.5460, 5.6468, 55.6492

Rectangle

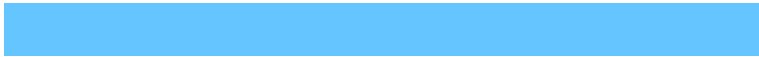
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188.2100, -42.0085, 34.0188



180.3210, -27.2733, -25.7145



175.4950, 39.1960, -65.3321



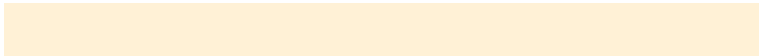
195.8140, 29.1787, 21.2111

Sweetspot

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



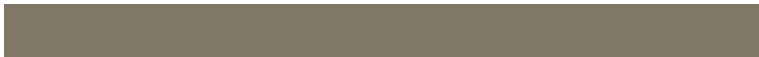
188.2100, -42.0085, 34.0188



242.1080, -13.8572, 11.3063



144.9780, 0.5038, 71.9333



119.8670, -8.3154, 7.1326



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.



188.2100, -42.0085, 34.0188



202.3890, -56.8868, 46.1398



207.1830, -51.3622, 0.7165



111.2840, -4.0840, 3.2589



122.7870, -60.5340, 49.2988



35.2070, -17.3571, 13.8505

Inverse Universe

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



141.7900, 42.0085, -34.0188



139.6110, 56.8868, -46.1398



122.8170, 51.3622, -0.7165



106.7160, 4.0840, -3.2589



55.6260, 60.8234, -48.7840



15.7930, 17.3571, -13.8505

Previews

White Background



This preview shows how the YUV color 188.2100, -42.0085, 34.0188 looks on a white background.

Color Contrast Check

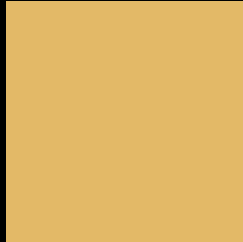
Large Text (above 18pt) WCAG AA × Fail

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 188.2100, -42.0085, 34.0188 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 188.2100, -42.0085, 34.0188

Background



This preview shows how black text looks on a background with the YUV color 188.2100, -42.0085, 34.0188.



This preview shows how white text looks on a background with the YUV color 188.2100, -42.0085,

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

188.2100, -42.0085, 34.0188

Protanopia

186.8770, -40.3654, 20.2789

Deuteranopia

188.6560, -41.7354, 39.7667



Tritanopia

194.2370, -2.5818, 34.8722

Trichromacy



Original Color

188.2100, -42.0085, 34.0188

Protanomaly

187.3830, -41.1078, 25.0971

Deuteranomaly

188.3460, -41.5826, 37.4076

Tritanomaly

192.1540, -16.8379, 34.0679

Monochromacy



Original Color

188.2100, -42.0085, 34.0188

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0650, -15.3150, 12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2100, -42.0085, 34.0188 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(227, 185, 103)` looks like.

```
.text, #text, p{  
    color:rgb(227, 185, 103)  
}
```

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(227, 185, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 185, 103) }
```

Border

The CSS property to change the border of an element to YUV 188.2100, -42.0085, 34.0188 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(227, 185, 103) }
```


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

```
.border{ border-color:rgb(227, 185, 103) }
```

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

Here you see how a box with a 4 pixel rgb(227, 185, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 185, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 185, 103);  
box-shadow:4px 4px 4px 4px rgb(227, 185,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 188.2100, -42.0085, 34.0188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 185, 103) }
```

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

```
.background{ background-color: rgb(227,  
185, 103) }
```

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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