

Converting Colors

YUV(213.5930, -36.2813,
17.0199)

Have a look what the booklet for
YUV(213.5930, -36.2813, 17.0199)
contains.

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Color

**YUV(213.5930, -36.2813,
17.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	E9DA8C
RGB	233, 218, 140
RGB Percent	91%, 85%, 55%
CMY	0.0863, 0.1451, 0.4510
CMYK	0.00, 0.06, 0.40, 0.09
HSL	50°, 68%, 73%
HSV	50°, 40%, 91%
XYZ	63.4093, 69.3599, 34.8567
YIQ	213.5930, 33.9780, -21.0780

Conversions

Conversions Part 2

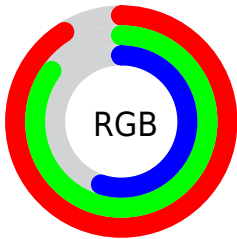
Format	Color
RYB	158, 233, 140
Decimal	15325836
CIELab	86.68, -5.70, 40.22
CIELCh	87, 40.623, 98.069
Yxy	69.3599, 0.3783, 0.4138
Android (android.graphics.Color)	4293515916 (0xFFE9DA8C)
YUV	213.5930, -36.2813, 17.0199
Hunter-Lab	83.2826, -9.8390, 33.4828

Details

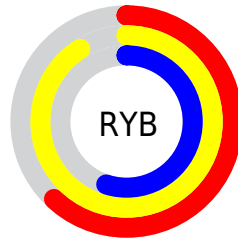
The YUV color $213.5930, -36.2813, 17.0199$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $159.4070, 36.2813, -17.0199$, and the grayscale version is $214.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, -26.6447, 6.0987$, and $158.3370, -34.6761, 15.4905$ is the 20% darker color. If you saturate the color by 10%, you get $208.6230, -45.1701, 21.3786$, and if you desaturate by 10%, it is $218.5630, -27.3926, 12.6612$.

Distribution



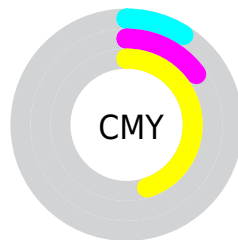
- Red (91%)
- Green (85%)
- Blue (55%)



- Red (62%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (6%)
- Yellow (40%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 213.5930, -36.2813, 17.0199 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 213.5930, -36.2813, 17.0199 by changing the saturation by 10% instead.

■ 213.5930,
-36.2813, 17.0199

■ 213.5930,
-36.2813, 17.0199

■ 255.0000, 0.0000,
0.0000

■ 185.5220,
-35.2603, 16.2052

■ 248.0460,
-26.6447, 6.0987

■ 158.3370,
-34.6761, 15.4905

■ 251.3520,
-13.9775, 3.1993

■ 131.9670,
-33.5077, 14.0609

■ 254.6580, -1.3104,
0.2999

■ 106.3690,
-33.2129, 12.8314

■ 81.5430, -33.7917,
11.8018

■ 58.4980, -28.8395,
10.0873

■ 38.6960, -19.0771,

5.5286

■ 19.4810, -9.6041,
0.4552

■ 0.0000, 0.0000,
0.0000

■ 213.5930,
-36.2813, 17.0199

■ 213.5930,
-36.2813, 17.0199

■ 208.6230,
-45.1701, 21.3786

■ 218.5630,
-27.3926, 12.6612

■ 203.5390,
-54.4957, 25.8373

■ 223.6470,
-18.0670, 8.2026

■ 199.1560,
-63.6739, 29.6812

■ 228.0300, -8.8888,
4.3587

■ 194.1860,
-72.5627, 34.0399

■ 233.0000, 0.0000,
0.0000

■ 189.2160,
-81.4515, 38.3986

■ 237.8560, 8.4520,
-4.2587

■ 184.1320,
-90.7771, 42.8572

■ 240.2040, 7.2944,
-6.3179

■ 241.9650, 6.4263,
-7.8623

■ 244.3130, 5.2687,
-9.9215

■ 246.6610, 4.1111,
-11.9807

Harmonies

Analogous

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



213.2240, -33.1414, 36.6376



213.5930, -36.2813, 17.0199



209.2020, -26.7216, -15.9632

Triad

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



213.5930, -36.2813, 17.0199



191.5220, 31.2947, -97.8048



217.1070, 14.7372, 33.2322

Complementary

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



213.5930, -36.2813, 17.0199



159.4070, 36.2813, -17.0199

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.



218.4960, 17.9965, 14.4740



213.5930, -36.2813, 17.0199



199.0740, 27.5715, -70.2249

Square

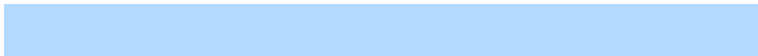
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.5930, -36.2813, 17.0199



195.0710, 15.2480, -84.2543



210.2690, 22.0524, -26.5459



210.3130, -1.1403, 39.1905

Rectangle

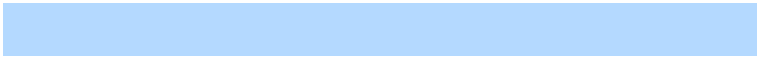
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.5930, -36.2813, 17.0199



205.1480, -14.8630, -39.5948



210.2690, 22.0524, -26.5459



219.7800, 17.3635, 30.8879

Sweetspot

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



213.5930, -36.2813, 17.0199



248.5310, -12.0938, 5.6733



169.6310, -6.7201, 55.5746



124.1870, -6.9942, 3.3440



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.



213.5930, -36.2813, 17.0199



229.3520, -47.5015, 22.4933



213.1290, -36.0526, -9.7601



114.5720, -4.2260, 2.1294



143.3430, -70.6681, 33.0252



42.5610, -20.9826, 10.0320

Inverse Universe

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



159.4070, 36.2813, -17.0199



158.0610, 47.7909, -21.9785



159.8710, 36.0526, 9.7601



107.8410, 4.5154, -1.6146



37.6570, 70.6681, -33.0252



11.4390, 20.9826, -10.0320

Previews

White Background



This preview shows how the YUV color 213.5930, -36.2813, 17.0199 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 213.5930, -36.2813, 17.0199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

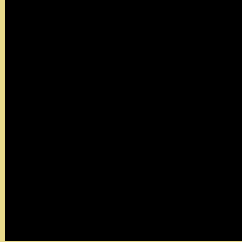
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 213.5930, -36.2813, 17.0199

Background



This preview shows how black text looks on a background with the YUV color 213.5930, -36.2813, 17.0199.



This preview shows how white text looks on a background with the YUV color 213.5930, -36.2813, 17.0199.

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

213.5930, -36.2813, 17.0199

Protanopia

213.9030, -36.4342, 19.3791

Deuteranopia

216.7120, -29.9310, 33.5786



Tritanopia

219.9900, 1.9769, 19.3028

Trichromacy



Original Color

213.5930, -36.2813, 17.0199

Protanomaly

213.6040, -36.2868, 18.7643

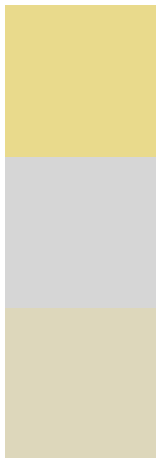
Deuteranomaly

215.3970, -32.2407, 27.7158

Tritanomaly

217.9070, -12.2792, 18.4986

Monochromacy



Original Color

213.5930, -36.2813, 17.0199

Achromatopsia

214.0000, 0.0000, 0.0000

Achromatomaly

213.6020, -13.1148, 6.4880

CSS Examples

Text

The CSS property to change the color of the text to YUV 213.5930, -36.2813, 17.0199 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(233, 218, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 218, 140)  
}
```

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(233, 218, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 218, 140) }
```

Border

The CSS property to change the border of an element to YUV 213.5930, -36.2813, 17.0199 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(233, 218, 140) }
```


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

```
.border{ border-color:rgb(233, 218, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 218, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 218, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 218, 140);  
box-shadow:4px 4px 4px 4px rgb(233, 218,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 213.5930, -36.2813, 17.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 218, 140) }
```

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

```
.background{ background-color: rgb(233,  
218, 140) }
```

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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