

Converting Colors

YUV(211.2120, -35.1075,
13.8461)

Have a look what the booklet for
YUV(211.2120, -35.1075, 13.8461)
contains.

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Color

**YUV(211.2120, -35.1075,
13.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D98C
RGB	227, 217, 140
RGB Percent	89%, 85%, 55%
CMY	0.1098, 0.1490, 0.4510
CMYK	0.00, 0.04, 0.38, 0.11
HSL	53°, 61%, 72%
HSV	53°, 38%, 89%
XYZ	61.2250, 67.8501, 34.6804
YIQ	211.2120, 30.6770, -21.8270

Conversions

Conversions Part 2

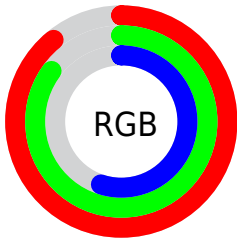
Format	Color
RYB	151, 227, 140
Decimal	14932364
CIELab	85.93, -7.54, 39.16
CIELCh	86, 39.878, 100.902
Yxy	67.8501, 0.3739, 0.4143
Android (android.graphics.Color)	4293122444 (0xFFE3D98C)
YUV	211.2120, -35.1075, 13.8461
Hunter-Lab	82.3711, -11.4736, 32.6972

Details

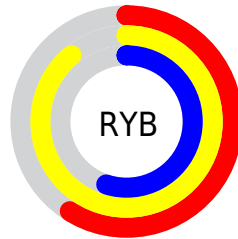
The YUV color $211.2120, -35.1075, 13.8461$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $155.7880, 35.1075, -13.8461$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.0460, -26.6447, 6.0987$, and $155.9560, -33.5023, 12.3166$ is the 20% darker color. If you saturate the color by 10%, you get $206.8290, -44.2857, 17.6900$, and if you desaturate by 10%, it is $215.5950, -25.9293, 10.0022$.

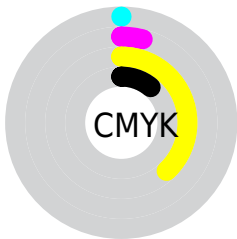
Distribution



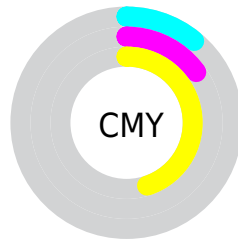
- Red (89%)
- Green (85%)
- Blue (55%)



- Red (59%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (38%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 211.2120, -35.1075, 13.8461 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 211.2120, -35.1075, 13.8461 by changing the saturation by 10% instead.

■ 211.2120,
-35.1075, 13.8461

■ 211.2120,
-35.1075, 13.8461

■ 255.0000, 0.0000,
0.0000

■ 183.1410,
-34.0865, 13.0313

■ 248.0460,
-26.6447, 6.0987

■ 155.9560,
-33.5023, 12.3166

■ 251.3520,
-13.9775, 3.1993

■ 129.8850,
-32.4813, 11.5019

■ 254.6580, -1.3104,
0.2999

■ 104.4010,
-31.7497, 10.1723

■ 79.5750, -32.3285,
9.1427

■ 57.0030, -28.1025,
7.0134

■ 36.9130, -18.1981,

3.5843

■ 16.8010, -8.2829,
-3.3335

■ 0.0000, 0.0000,
0.0000

■ 211.2120,
-35.1075, 13.8461

■ 211.2120,
-35.1075, 13.8461

■ 206.8290,
-44.2857, 17.6900

■ 215.5950,
-25.9293, 10.0022

■ 203.1470,
-53.3165, 20.9191

■ 219.2770,
-16.8986, 6.7731

■ 198.7640,
-62.4947, 24.7630

■ 223.6600, -7.7204,
2.9292

■ 194.9680,
-71.9622, 28.0921

■ 227.4560, 1.7472,
-0.3999

■ 190.6990,
-80.7036, 31.8360

■ 231.8390, 10.9254,
-4.2438

■ 186.3160,
-89.8818, 35.6799

■ 233.7140, 10.4940,
-5.8882

■ 185.8600,
-91.6290, 36.0798

■ 234.8880, 9.9152,
-6.9178

■ 236.6490, 9.0470,
-8.4622

■ 237.8230, 8.4683,
-9.4918

Harmonies

Analogous

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



212.4090, -33.7256, 37.3523



211.2120, -35.1075, 13.8461



206.4620, -24.3848, -18.8222

Triad

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



211.2120, -35.1075, 13.8461



190.6580, 31.7206, -94.4161



214.6620, 12.9846, 35.3764

Complementary

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



211.2120, -35.1075, 13.8461



155.7880, 35.1075, -13.8461

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.



217.3330, 18.5698, 17.2480



211.2120, -35.1075, 13.8461



199.1070, 27.5552, -64.9918

Square

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



211.2120, -35.1075, 13.8461



193.5270, 16.9952, -84.6542



210.0030, 22.1835, -21.9276



208.4550, -3.1823, 40.8200

Rectangle

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



211.2120, -35.1075, 13.8461



202.7070, -12.6736, -41.8390



210.0030, 22.1835, -21.9276



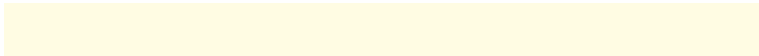
217.6770, 16.9212, 32.7323

Sweetspot

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



211.2120, -35.1075, 13.8461



250.0470, -11.3622, 4.3438



167.1530, -8.4564, 52.4858



124.8880, -6.8468, 2.7292



0.0000, 0.0000, 0.0000



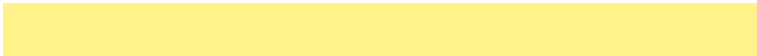
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



211.2120, -35.1075, 13.8461



234.0310, -47.3433, 18.3898



207.2150, -33.1370, -11.5896



112.4580, -4.6628, 2.2293



146.2670, -72.1096, 28.7068



41.6640, -20.5404, 8.1877

Inverse Universe

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



155.7880, 35.1075, -13.8461



158.9690, 47.3433, -18.3898



159.7850, 33.1370, 11.5896



105.5420, 4.6628, -2.2293



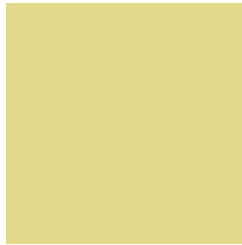
32.7330, 72.1096, -28.7068



9.3360, 20.5404, -8.1877

Previews

White Background



This preview shows how the YUV color 211.2120, -35.1075, 13.8461 looks on a white background.

Color Contrast Check

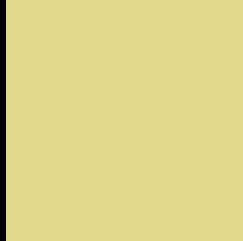
Large Text (above 18pt) WCAG AA × Fail

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 211.2120, -35.1075, 13.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

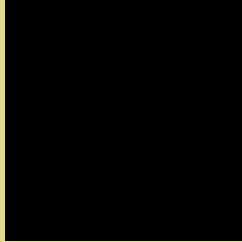
Any Text WCAG AA ✓ Pass

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 211.2120, -35.1075, 13.8461 Background



This preview shows how black text looks on a background with the YUV color 211.2120, -35.1075, 13.8461.



This preview shows how white text looks on a background with the YUV color 211.2120, -35.1075, 13.8461.

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

211.2120, -35.1075, 13.8461

Protanopia

212.0170, -35.9974, 19.2791

Deuteranopia

214.1530, -32.1204, 35.8228



Tritanopia

217.4950, 2.7140, 16.2289

Trichromacy



Original Color

211.2120, -35.1075, 13.8461

Protanomaly

211.7070, -35.8446, 16.9200

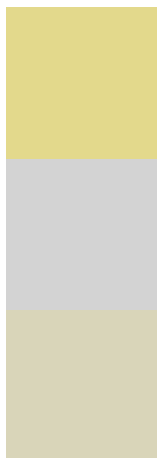
Deuteranomaly

213.1690, -33.1143, 27.9158

Tritanomaly

215.5260, -11.1053, 15.3247

Monochromacy



Original Color

211.2120, -35.1075, 13.8461

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

211.0040, -12.8200, 5.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.2120, -35.1075, 13.8461 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, 217, 140)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 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(227, 217, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 140) }
```

Border

The CSS property to change the border of an element to YUV 211.2120, -35.1075, 13.8461 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, 217, 140) }
```


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

```
.border{ border-color:rgb(227, 217, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 217, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 140);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 211.2120, -35.1075, 13.8461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 140) }
```

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

```
.background{ background-color: rgb(227,  
217, 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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