

Converting Colors

YUV(218.3750, -35.6809,
11.0721)

Have a look what the booklet for
YUV(218.3750, -35.6809, 11.0721)
contains.

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Color

**YUV(218.3750, -35.6809,
11.0721)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E292
RGB	231, 226, 146
RGB Percent	91%, 89%, 57%
CMY	0.0941, 0.1137, 0.4275
CMYK	0.00, 0.02, 0.37, 0.09
HSL	56°, 64%, 74%
HSV	56°, 37%, 91%
XYZ	65.3397, 73.4570, 37.9290
YIQ	218.3750, 28.6600, -23.8200

Conversions

Conversions Part 2

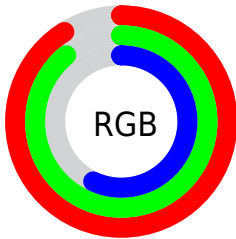
Format	Color
RYB	151, 231, 146
Decimal	15196818
CIELab	88.67, -9.86, 39.73
CIELCh	89, 40.939, 103.938
Yxy	73.4570, 0.3697, 0.4157
Android (android.graphics.Color)	4293386898 (0xFFE7E292)
YUV	218.3750, -35.6809, 11.0721
Hunter-Lab	85.7070, -13.9060, 33.7566

Details

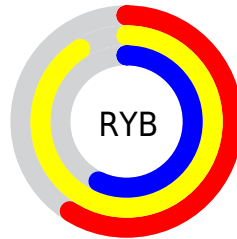
The YUV color **218.3750, -35.6809, 11.0721** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **158.6250, 35.6809, -11.0721**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.8440, -23.5871, 5.3988**, and **163.1190, -34.0757, 9.5426** is the 20% darker color. If you saturate the color by 10%, you get **215.1660, -45.4378, 13.8864**, and if you desaturate by 10%, it is **221.5840, -25.9239, 8.2578**.

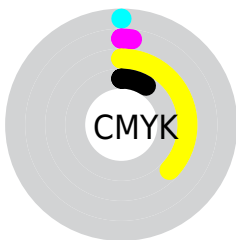
Distribution



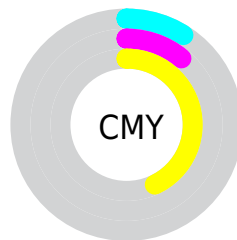
- Red (91%)
- Green (89%)
- Blue (57%)



- Red (59%)
- Yellow (91%)
- Blue (57%)



- Cyan (0%)
- Magenta (2%)
- Yellow (37%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3750, -35.6809, 11.0721 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 218.3750, -35.6809, 11.0721 by changing the saturation by 10% instead.

■ 218.3750,
-35.6809, 11.0721

■ 218.3750,
-35.6809, 11.0721

255.0000, 0.0000,
0.0000

■ 190.3040,
-34.6599, 10.2574

■ 248.8440,
-23.5871, 5.3988

■ 163.1190,
-34.0757, 9.5426

■ 252.0360,
-11.3567, 2.5994

■ 136.3470,
-33.2021, 9.3427

■ 110.8630,
-32.4705, 8.0131

■ 85.5640, -32.3231,
7.3984

■ 62.3080, -30.7178,
5.8689

■ 41.6310, -20.5241,

2.9546

■ 22.4160, -11.0511,
-2.1188

■ 0.0000, 0.0000,
0.0000

■ 218.3750,
-35.6809, 11.0721

■ 218.3750,
-35.6809, 11.0721

■ 215.1660,
-45.4378, 13.8864

■ 221.5840,
-25.9239, 8.2578

■ 211.3700,
-54.9054, 17.2155

■ 225.3800,
-16.4563, 4.9287

■ 208.1610,
-64.6624, 20.0298

■ 228.5890, -6.6994,
2.1144

■ 204.9520,
-74.4193, 22.8441

■ 231.7980, 3.0576,
-0.6998

■ 201.1560,
-83.8869, 26.1732

■ 234.9100, 9.9044,
-3.4291

■ 197.8330,
-94.0807, 29.0875

■ 235.4970, 9.6150,
-3.9439

■ 196.4480,
-96.8489, 30.3021

■ 236.6710, 9.0362,
-4.9735

■ 237.2580, 8.7468,
-5.4883

■ 237.8450, 8.4574,
-6.0031

Harmonies

Analogous

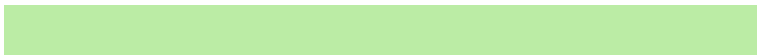
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.1480, -34.5830, 32.3192



218.3750, -35.6809, 11.0721



213.2550, -23.7897, -23.0256

Triad

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



218.3750, -35.6809, 11.0721



197.1480, 28.5210, -94.8458



218.6400, 12.9955, 31.8877

Complementary

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



218.3750, -35.6809, 11.0721



158.6250, 35.6809, -11.0721

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.



225.0410, 14.7698, 22.7660



218.3750, -35.6809, 11.0721



206.5050, 23.9080, -61.8329

Square

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



218.3750, -35.6809, 11.0721



199.5910, 19.9216, -89.9723



217.1130, 18.6783, -17.6391



213.0200, -3.4609, 36.8165

Rectangle

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



218.3750, -35.6809, 11.0721



209.4290, -11.0575, -46.8572



217.1130, 18.6783, -17.6391



221.5410, 16.4953, 29.3435

Sweetspot

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



218.3750, -35.6809, 11.0721



250.6340, -11.6516, 3.8290



172.0990, -9.9088, 51.6562



125.4750, -7.1362, 2.2144



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.



218.3750, -35.6809, 11.0721



238.1230, -46.8956, 14.8011



210.2470, -31.6738, -14.2486



113.0450, -4.9522, 1.7145



152.1370, -75.0035, 23.5589



43.4250, -21.4085, 6.6433

Inverse Universe

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



158.6250, 35.6809, -11.0721



159.2900, 47.1850, -14.2863



166.7530, 31.6738, 14.2486



104.9550, 4.9522, -1.7145



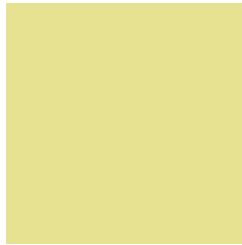
26.2760, 75.2929, -23.0441



7.5750, 21.4085, -6.6433

Previews

White Background



This preview shows how the YUV color 218.3750, -35.6809, 11.0721 looks on a white background.

Color Contrast Check

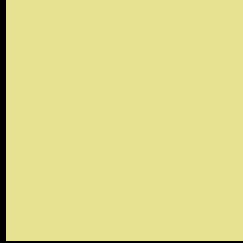
Large Text (above 18pt) WCAG AA × Fail

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 218.3750, -35.6809, 11.0721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

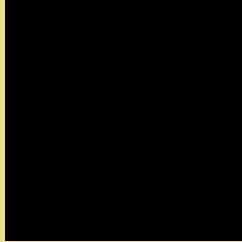
Any Text WCAG AA ✓ Pass

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 218.3750, -35.6809, 11.0721 Background



This preview shows how black text looks on a background with the YUV color 218.3750, -35.6809, 11.0721.



This preview shows how white text looks on a background with the YUV color 218.3750, -35.6809, 11.0721.

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

218.3750, -35.6809, 11.0721

Protanopia

219.2020, -36.5816, 19.9938

Deuteranopia

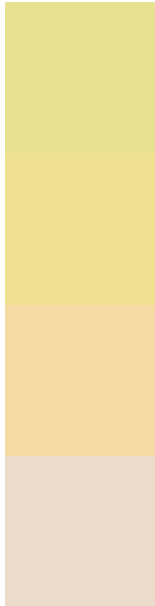
222.8730, -24.0944, 28.1754



Tritanopia

224.7120, 3.5930, 14.2846

Trichromacy



Original Color

218.3750, -35.6809, 11.0721

Protanomaly

218.5930, -36.2813, 17.0199

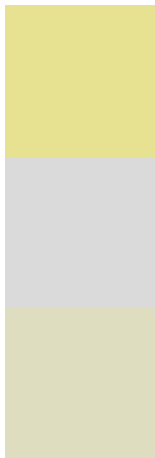
Deuteranomaly

221.3900, -28.2933, 21.5830

Tritanomaly

222.3300, -10.5157, 12.8656

Monochromacy



Original Color

218.3750, -35.6809, 11.0721

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.2920, -12.9620, 4.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3750, -35.6809, 11.0721 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(231, 226, 146)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 146)  
}
```

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(231, 226, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 146) }
```

Border

The CSS property to change the border of an element to YUV 218.3750, -35.6809, 11.0721 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(231, 226, 146) }
```


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

```
.border{ border-color:rgb(231, 226, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 146);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 218.3750, -35.6809, 11.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 146) }
```

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

```
.background{ background-color: rgb(231,  
226, 146) }
```

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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