

Converting Colors

YUV(237.6060, -46.1478,
8.2385)

Have a look what the booklet for
YUV(237.6060, -46.1478, 8.2385)
contains.

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Color

**YUV(237.6060, -46.1478,
8.2385)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F7FB90 |
| RGB | 247, 251, 144 |
| RGB Percent | 97%, 98%, 56% |
| CMY | 0.0314, 0.0157, 0.4353 |
| CMYK | 0.02, 0.00, 0.43, 0.02 |
| HSL | 62°, 93%, 77% |
| HSV | 62°, 43%, 98% |
| XYZ | 77.8890, 90.7821, 39.8031 |
| YIQ | 237.6060, 31.9630, -34.1250 |

Conversions

Conversions Part 2

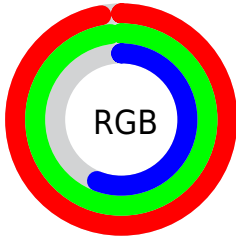
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 251, 148 |
| Decimal | 16251792 |
| CIELab | 96.32, -16.24, 50.65 |
| CIELCh | 96, 53.192, 107.780 |
| Yxy | 90.7821, 0.3736, 0.4355 |
| Android (android.graphics.Color) | 4294441872 (0xFFFF7FB90) |
| YUV | 237.6060, -46.1478, 8.2385 |
| Hunter-Lab | 95.2797, -20.8196, 41.9274 |

Details

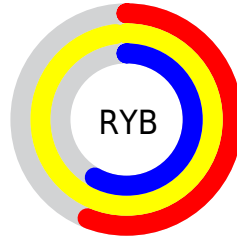
The YUV color $237.6060, -46.1478, 8.2385$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $157.3940, 46.1478, -8.2385$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6160, -24.4607, 5.5988$, and $181.3500, -44.5425, 6.7091$ is the 20% darker color. If you saturate the color by 10%, you get $234.4570, -56.9203, 10.1232$, and if you desaturate by 10%, it is $240.7550, -35.3752, 6.3539$.

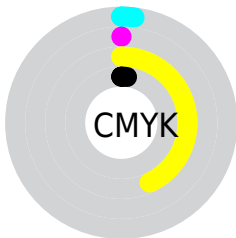
Distribution



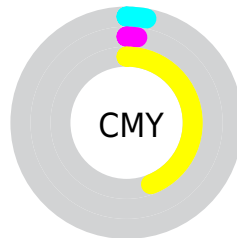
- Red (97%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (3%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.6060, -46.1478, 8.2385 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 237.6060, -46.1478, 8.2385 by changing the saturation by 10% instead.

237.6060,
-46.1478, 8.2385

237.6060,
-46.1478, 8.2385

255.0000, 0.0000,
0.0000

208.8340,
-45.2742, 8.0386

248.6160,
-24.4607, 5.5988

181.3500,
-44.5425, 6.7091

251.9220,
-11.7935, 2.6994

153.5780,
-43.6690, 6.5091

126.9800,
-43.3741, 5.2795

100.3560,
-47.0105, 4.9498

77.3370, -38.1271,
2.3355

56.3610, -27.7860,

-1.1936

■ 35.9720, -17.7342,
-5.2374

■ 15.2620, -7.5242,
-13.3848

■ 237.6060,
-46.1478, 8.2385

■ 237.6060,
-46.1478, 8.2385

■ 234.4570,
-56.9203, 10.1232

■ 240.7550,
-35.3752, 6.3539

■ 231.3080,
-67.6928, 12.0079

■ 243.9040,
-24.6027, 4.4692

■ 228.1590,
-78.4654, 13.8926

■ 247.0530,
-13.8301, 2.5845

■ 225.0100,
-89.2379, 15.7772

■ 250.2020, -3.0576,
0.6998

■ 221.8610,
-100.0105, 17.6619

■ 251.7550, 1.5998,
0.2149

■ 219.6950,
-108.3096, 19.5615

■ 252.0540, 1.4524,
0.8296

■ 252.3530, 1.3050,
1.4444

■ 252.6520, 1.1576,
2.0592

Harmonies

Analogous

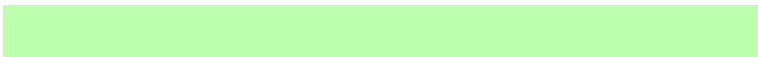
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9050, -42.8442, 22.0083



237.6060, -46.1478, 8.2385



225.6190, -25.9412, -32.9919

Triad

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



237.6060, -46.1478, 8.2385



178.7550, 37.5888, -156.7681



226.2370, 14.1802, 25.2252

Complementary

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



237.6060, -46.1478, 8.2385



157.3940, 46.1478, -8.2385

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.



234.4550, 10.1287, 18.0180



237.6060, -46.1478, 8.2385



216.1300, 19.1629, -79.9210

Square

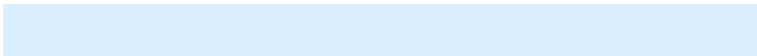
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.6060, -46.1478, 8.2385



178.7550, 37.5888, -156.7681



234.5450, 10.0843, -14.5100



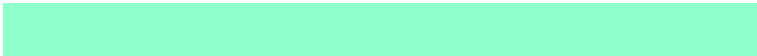
221.0900, -3.0024, 29.7391

Rectangle

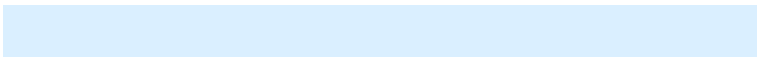
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.6060, -46.1478, 8.2385



215.6980, -5.7671, -63.7561



234.5450, 10.0843, -14.5100



227.9980, 13.3120, 23.6808

Sweetspot

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



237.6060, -46.1478, 8.2385



250.9390, -14.2669, 2.6845



178.3410, -16.9301, 63.7219



125.3070, -9.0254, 1.4848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

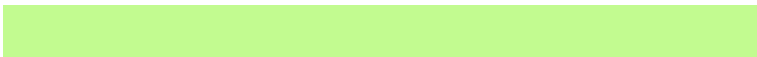
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.6060, -46.1478, 8.2385



238.6850, -56.0467, 9.9233



221.7590, -38.3352, -24.3446



123.2190, -5.5310, 0.6849



165.3610, -81.5230, 14.5924



53.4480, -26.3499, 4.8691

Inverse Universe

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



157.3940, 46.1478, -8.2385



141.3150, 56.0467, -9.9233



173.2410, 38.3352, 24.3446



113.7810, 5.5310, -0.6849



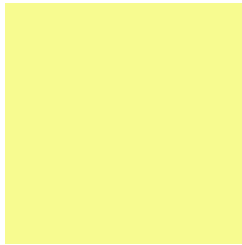
23.6390, 81.5230, -14.5924



7.5520, 26.3499, -4.8691

Previews

White Background



This preview shows how the YUV color 237.6060, -46.1478, 8.2385 looks on a white background.

Color Contrast Check

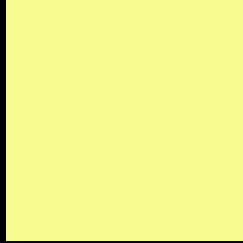
Large Text (above 18pt) WCAG AA × Fail

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 237.6060, -46.1478, 8.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

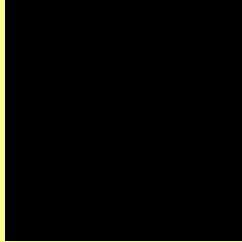
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 237.6060, -46.1478, 8.2385

Background



This preview shows how black text looks on a background with the YUV color 237.6060, -46.1478, 8.2385.



This preview shows how white text looks on a background with the YUV color 237.6060, -46.1478, 8.2385.

Color Blindness Simulation

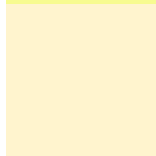
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



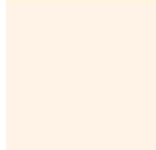
Original Color

237.6060, -46.1478, 8.2385



Protanopia

242.9570, -18.2198, 10.5617



Deuteranopia

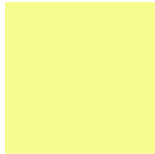
244.5190, -7.1579, 9.1918



Tritanopia

245.9670, 3.4673, 7.9219

Trichromacy



Original Color

237.6060, -46.1478, 8.2385



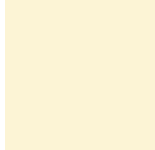
Protanomaly

241.1990, -28.6921, 9.4725



Deuteranomaly

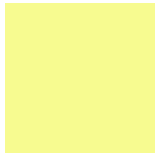
241.8490, -21.1246, 8.9024



Tritanomaly

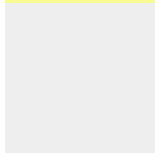
242.8580, -14.7200, 8.0175

Monochromacy



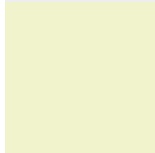
Original Color

237.6060, -46.1478, 8.2385



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.9560, -16.7403, 2.6696

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.6060, -46.1478, 8.2385 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(247, 251, 144)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 144)  
}
```

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(247, 251, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 144) }
```

Border

The CSS property to change the border of an element to YUV 237.6060, -46.1478, 8.2385 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(247, 251, 144) }
```


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

```
.border{ border-color:rgb(247, 251, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 144);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 237.6060, -46.1478, 8.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 144) }
```

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

```
.background{ background-color: rgb(247,  
251, 144) }
```

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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