

Converting Colors

YUV(228.1580, -36.5599,
13.0164)

Have a look what the booklet for
YUV(228.1580, -36.5599, 13.0164)
contains.

YUV(228.1580, -36.5599, 13.0164)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(228.1580, -36.5599,
13.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	F3EB9A
RGB	243, 235, 154
RGB Percent	95%, 92%, 60%
CMY	0.0471, 0.0784, 0.3961
CMYK	0.00, 0.03, 0.37, 0.05
HSL	55°, 79%, 78%
HSV	55°, 37%, 95%
XYZ	72.5032, 80.8044, 42.3473
YIQ	228.1580, 30.7690, -23.4950

Conversions

Conversions Part 2

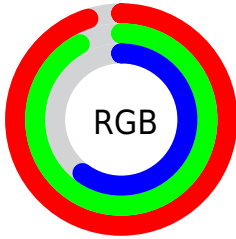
Format	Color
RYB	163, 243, 154
Decimal	15985562
CIELab	92.04, -8.86, 40.30
CIELCh	92, 41.257, 102.396
Yxy	80.8044, 0.3706, 0.4130
Android (android.graphics.Color)	4294175642 (0xFFFF3EB9A)
YUV	228.1580, -36.5599, 13.0164
Hunter-Lab	89.8913, -13.3378, 34.9927

Details

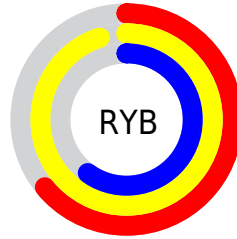
The YUV color $228.1580, -36.5599, 13.0164$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.8420, 36.5599, -13.0164$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $172.3150, -34.6653, 12.0017$ is the 20% darker color. If you saturate the color by 10%, you get $224.2480, -46.4643, 16.4455$, and if you desaturate by 10%, it is $232.0680, -26.6555, 9.5874$.

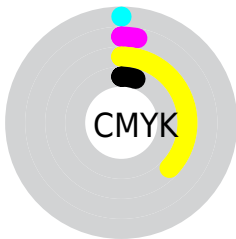
Distribution



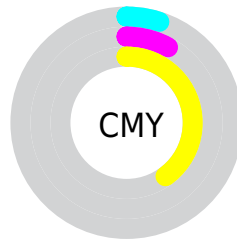
- Red (95%)
- Green (92%)
- Blue (60%)



- Red (64%)
- Yellow (95%)
- Blue (60%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (5%)



- Cyan (5%)
- Magenta (8%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1580, -36.5599, 13.0164 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 228.1580, -36.5599, 13.0164 by changing the saturation by 10% instead.

■ 228.1580,
-36.5599, 13.0164

■ 228.1580,
-36.5599, 13.0164

255.0000, 0.0000,
0.0000

■ 199.9730,
-35.9757, 12.3017

■ 249.7560,
-20.0927, 4.5990

■ 172.3150,
-34.6653, 12.0017

■ 253.0620, -7.4256,
1.6996

■ 145.8310,
-33.9337, 10.6722

■ 119.6460,
-33.3495, 9.9575

■ 94.0480, -33.0547,
8.7279

■ 69.4070, -34.2177,
8.4131

■ 48.7300, -24.0239,

5.4988

■ 28.9280, -14.2615,
0.9401

■ 8.2180, -4.0515,
-7.2072

■ 228.1580,
-36.5599, 13.0164

■ 228.1580,
-36.5599, 13.0164

■ 224.2480,
-46.4643, 16.4455

■ 232.0680,
-26.6555, 9.5874

■ 220.2240,
-56.8054, 19.9746

■ 236.0920,
-16.3144, 6.0583

■ 215.7270,
-66.4204, 23.9184

■ 240.5890, -6.6994,
2.1144

■ 211.8170,
-76.3248, 27.3475

■ 244.4990, 3.2050,
-1.3146

■ 207.9070,
-86.2292, 30.7766

■ 246.1290, 4.3734,
-2.7441

■ 203.8830,
-96.5703, 34.3056

■ 247.3030, 3.7946,
-3.7737

■ 202.3840,
-99.7753, 35.6202

■ 248.4770, 3.2158,
-4.8033

■ 249.6510, 2.6371,
-5.8329

■ 251.4120, 1.7689,
-7.3773

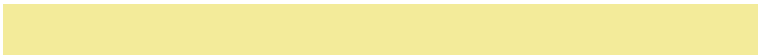
Harmonies

Analogous

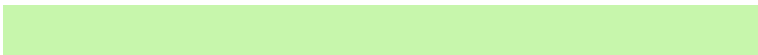
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.4570, -33.2563, 26.7862



228.1580, -36.5599, 13.0164



223.5110, -25.3949, -21.4961

Triad

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



228.1580, -36.5599, 13.0164



206.0080, 24.1531, -93.8460



225.6500, 14.4696, 25.7400

Complementary

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



228.1580, -36.5599, 13.0164



168.8420, 36.5599, -13.0164

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.



232.1070, 11.2862, 20.0772



228.1580, -36.5599, 13.0164



214.4680, 19.9823, -62.6774

Square

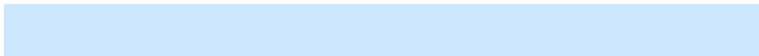
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.1580, -36.5599, 13.0164



209.6620, 18.9006, -89.1576



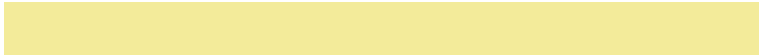
225.0760, 14.7525, -18.4837



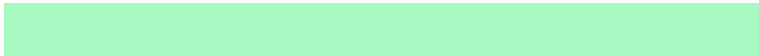
219.5570, -1.2606, 31.0835

Rectangle

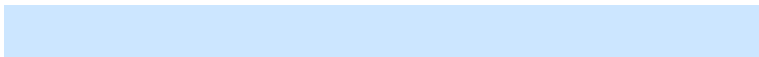
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.1580, -36.5599, 13.0164



218.7990, -12.2259, -45.4277



225.0760, 14.7525, -18.4837



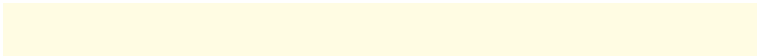
227.4110, 13.6014, 24.1956

Sweetspot

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



228.1580, -36.5599, 13.0164



250.0470, -11.3622, 4.3438



181.6370, -9.1880, 53.8154



124.8880, -6.8468, 2.7292



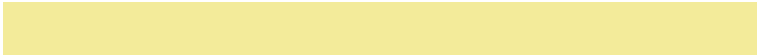
0.0000, 0.0000, 0.0000



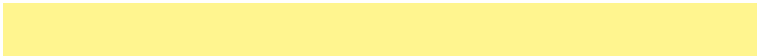
128.0000, 0.0000, 0.0000

Same Dimension

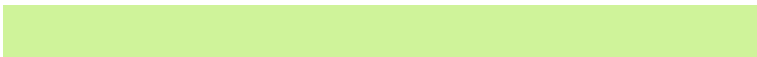
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.1580, -36.5599, 13.0164



236.3620, -46.0275, 16.3455



222.0900, -33.5684, -13.2339



120.0450, -4.9522, 1.7145



154.8170, -76.3248, 27.3475



48.7520, -24.0347, 8.9875

Inverse Universe

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



168.8420, 36.5599, -13.0164



161.6380, 46.0275, -16.3455



174.9100, 33.5684, 13.2339



111.9550, 4.9522, -1.7145



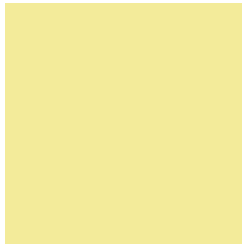
31.1830, 76.3248, -27.3475



9.6610, 24.3241, -8.4727

Previews

White Background



This preview shows how the YUV color 228.1580, -36.5599, 13.0164 looks on a white background.

Color Contrast Check

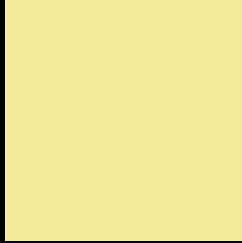
Large Text (above 18pt) WCAG AA × Fail

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 228.1580, -36.5599, 13.0164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

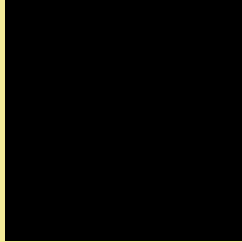
Any Text WCAG AA ✓ Pass

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 228.1580, -36.5599, 13.0164 Background



This preview shows how black text looks on a background with the YUV color 228.1580, -36.5599, 13.0164.



This preview shows how white text looks on a background with the YUV color 228.1580, -36.5599, 13.0164.

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

228.1580, -36.5599, 13.0164

Protanopia

228.9740, -37.4552, 20.1938

Deuteranopia

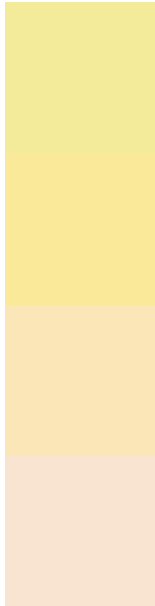
232.4080, -15.4841, 19.8132



Tritanopia

234.7230, 3.5876, 16.0289

Trichromacy



Original Color

228.1580, -36.5599, 13.0164

Protanomaly

228.6640, -37.3024, 17.8347

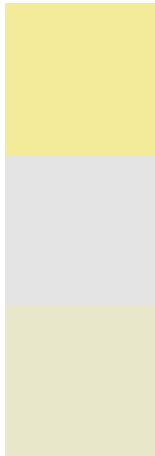
Deuteranomaly

231.0350, -23.1883, 17.5093

Tritanomaly

232.2270, -10.9579, 14.7099

Monochromacy



Original Color

228.1580, -36.5599, 13.0164

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1780, -13.3988, 4.2289

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1580, -36.5599, 13.0164 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(243, 235, 154)` looks like.

```
.text, #text, p{  
    color:rgb(243, 235, 154)  
}
```

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(243, 235, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 235, 154) }
```

Border

The CSS property to change the border of an element to YUV 228.1580, -36.5599, 13.0164 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(243, 235, 154) }
```


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

```
.border{ border-color:rgb(243, 235, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 235, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 235, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 235, 154);  
box-shadow:4px 4px 4px 4px rgb(243, 235,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 228.1580, -36.5599, 13.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 235, 154) }
```

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

```
.background{ background-color: rgb(243,  
235, 154) }
```

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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