

Converting Colors

YUV(236.1180, -12.3832,
5.1585)

Have a look what the booklet for
YUV(236.1180, -12.3832, 5.1585)
contains.

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Color

**YUV(236.1180, -12.3832,
5.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EED3
RGB	242, 238, 211
RGB Percent	95%, 93%, 83%
CMY	0.0510, 0.0667, 0.1725
CMYK	0.00, 0.02, 0.13, 0.05
HSL	52°, 54%, 89%
HSV	52°, 13%, 95%
XYZ	78.9504, 84.7295, 73.8213
YIQ	236.1180, 11.0510, -7.5490

Conversions

Conversions Part 2

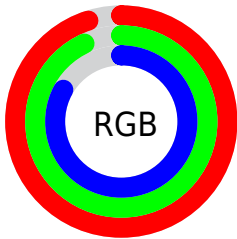
Format	Color
R_{YB}	216, 242, 211
Decimal	15920851
CIE Lab	93.77, -3.12, 13.55
CIE LCh	94, 13.907, 102.962
Yxy	84.7295, 0.3324, 0.3568
Android (android.graphics.Color)	4294110931 (0xFFFF2EED3)
YUV	236.1180, -12.3832, 5.1585
Hunter-Lab	92.0486, -7.9851, 16.8845

Details

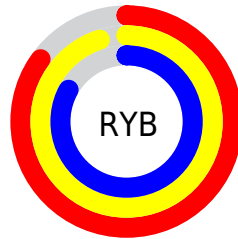
The YUV color $236.1180, -12.3832, 5.1585$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $216.8820, 12.3832, -5.1585$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.2320, -11.9464, 5.0585$ is the 20% darker color. If you saturate the color by 10%, you get $231.6210, -21.9982, 9.1024$, and if you desaturate by 10%, it is $240.6150, -2.7682, 1.2146$.

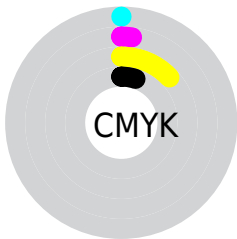
Distribution



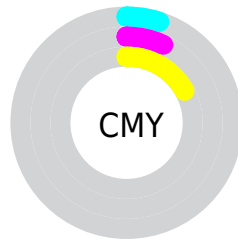
- Red (95%)
- Green (93%)
- Blue (83%)



- Red (85%)
- Yellow (95%)
- Blue (83%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.1180, -12.3832, 5.1585 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 236.1180, -12.3832, 5.1585 by changing the saturation by 10% instead.

■ 236.1180,
-12.3832, 5.1585

■ 236.1180,
-12.3832, 5.1585

255.0000, 0.0000,
0.0000

■ 208.1180,
-12.3832, 5.1585

■ 180.2320,
-11.9464, 5.0585

■ 153.3460,
-11.5096, 4.9586

■ 127.1610,
-10.9254, 4.2438

■ 102.2750,
-10.4886, 4.1438

■ 78.3890, -10.0518,
4.0438

■ 55.2040, -9.4676,

3.3291

■ 33.9050, -9.3202,
2.7143

■ 12.6920, -6.2572,
0.2701

■ 236.1180,
-12.3832, 5.1585

■ 236.1180,
-12.3832, 5.1585

■ 231.6210,
-21.9982, 9.1024

■ 240.6150, -2.7682,
1.2146

■ 227.1240,
-31.6131, 13.0463

■ 244.6560, 5.0996,
-2.3293

■ 222.5130,
-41.6649, 17.0901

■ 246.4170, 4.2314,
-3.8737

■ 218.0160,
-51.2799, 21.0340

■ 248.1780, 3.3632,
-5.4181

■ 212.9320,
-60.6055, 25.4926

■ 250.5260, 2.2057,
-7.4773

■ 208.4350,
-70.2205, 29.4365

■ 251.1130, 1.9163,
-7.9921

■ 203.9380,
-79.8354, 33.3804

■ 199.3270,
-89.8872, 37.4242

■ 196.2150,
-96.7340, 40.1534

Harmonies

Analogous

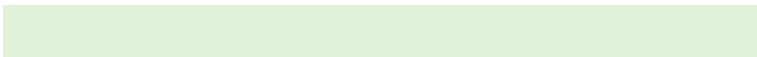
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.7710, -12.7051, 15.1098



236.1180, -12.3832, 5.1585



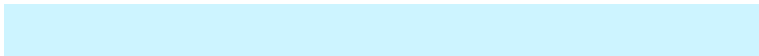
234.3660, -8.5614, -7.3370

Triad

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



236.1180, -12.3832, 5.1585



233.5930, 10.5537, -25.0761



238.5980, 3.1562, 14.3846

Complementary

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



236.1180, -12.3832, 5.1585



216.8820, 12.3832, -5.1585

Split Complementary

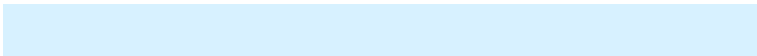
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.1070, 7.8352, 6.9222



236.1180, -12.3832, 5.1585



234.8220, 9.9478, -17.3839

Square

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



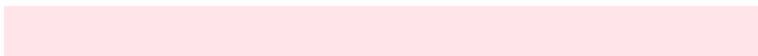
236.1180, -12.3832, 5.1585



232.5130, 5.1701, -25.0059



236.3720, 9.1836, -5.5882



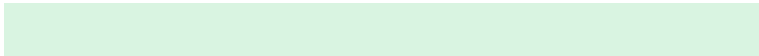
236.5290, -2.2328, 16.1991

Rectangle

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



236.1180, -12.3832, 5.1585



233.7610, -4.3192, -14.6994



236.3720, 9.1836, -5.5882



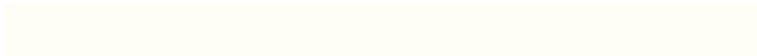
239.7550, 5.0508, 13.3699

Sweetspot

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



236.1180, -12.3832, 5.1585



253.2730, -4.0786, 1.5146



220.7250, -2.8224, 18.6582



126.6150, -2.7682, 1.2146



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.



236.1180, -12.3832, 5.1585



247.7330, -15.1514, 6.3732



235.1770, -11.9193, -3.6632



117.4580, -4.6628, 2.2293



148.9360, -73.4254, 30.7511



45.5070, -22.4350, 9.2024

Inverse Universe

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



216.8820, 12.3832, -5.1585



224.2670, 15.1514, -6.3732



217.8230, 11.9193, 3.6632



109.9550, 4.9522, -1.7145



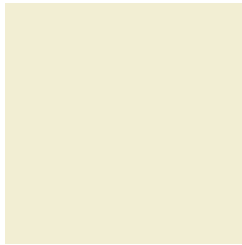
35.0640, 73.4254, -30.7511



10.4930, 22.4350, -9.2024

Previews

White Background



This preview shows how the YUV color 236.1180, -12.3832, 5.1585 looks on a white background.

Color Contrast Check

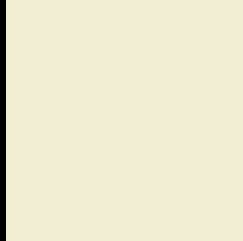
Large Text (above 18pt) WCAG AA × Fail

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 236.1180, -12.3832, 5.1585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

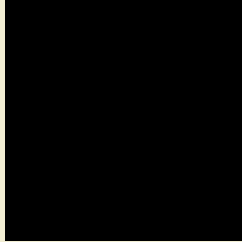
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

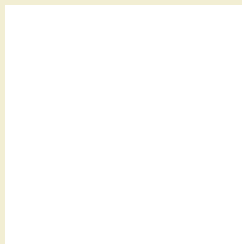
Any Text WCAG AAA ✓ Pass

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

YUV 236.1180, -12.3832, 5.1585 Background



This preview shows how black text looks on a background with the YUV color 236.1180, -12.3832, 5.1585.



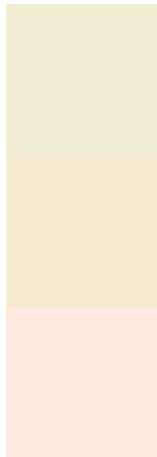
This preview shows how white text looks on a background with the YUV color 236.1180, -12.3832, 5.1585.

5.1585.

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

236.1180, -12.3832, 5.1585

Protanopia

236.3250, -12.9782, 9.3620

Deuteranopia

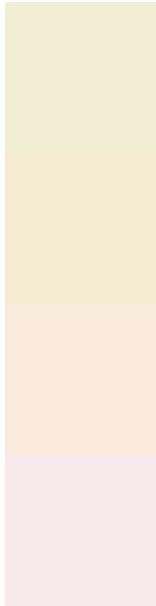
237.9650, -6.8847, 14.9397



Tritanopia

238.9500, 5.9406, 7.9368

Trichromacy



Original Color

236.1180, -12.3832, 5.1585

Protanomaly

236.3140, -12.9728, 7.6176

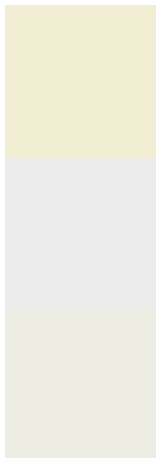
Deuteranomaly

237.0740, -8.9105, 11.3361

Tritanomaly

237.8160, -0.8953, 7.1774

Monochromacy



Original Color

236.1180, -12.3832, 5.1585

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

236.1590, -4.5154, 1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.1180, -12.3832, 5.1585 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(242, 238, 211)` looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 211)  
}
```

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(242, 238, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 211) }
```

Border

The CSS property to change the border of an element to YUV 236.1180, -12.3832, 5.1585 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(242, 238, 211) }
```


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

```
.border{ border-color:rgb(242, 238, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 238, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 238, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 238, 211); box-shadow:4px 4px 4px 4px rgb(242, 238, 211) }
```

Background

The CSS property to change the background color of an element to YUV 236.1180, -12.3832, 5.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 211) }
```

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

```
.background{ background-color: rgb(242,  
238, 211) }
```

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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