

Converting Colors

YUV(233.2310, 6.2951,
-12.4806)

Have a look what the booklet for
YUV(233.2310, 6.2951, -12.4806)
contains.

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Color

**YUV(233.2310, 6.2951,
-12.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	DBEEF6
RGB	219, 238, 246
RGB Percent	86%, 93%, 96%
CMY	0.1412, 0.0667, 0.0353
CMYK	0.11, 0.03, 0.00, 0.04
HSL	198°, 60%, 91%
HSV	198°, 11%, 96%
XYZ	76.4225, 82.8630, 99.1550
YIQ	233.2310, -13.8920, -1.5400

Conversions

Conversions Part 2

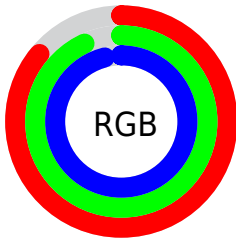
Format	Color
R _Y B	219, 230, 246
Decimal	14413558
CIE Lab	92.95, -4.69, -6.00
CIE LCh	93, 7.619, 232.006
Yxy	82.8630, 0.2957, 0.3206
Android (android.graphics.Color)	4292603638 (0xFFDBEEF6)
YUV	233.2310, 6.2951, -12.4806
Hunter-Lab	91.0291, -9.4431, -0.8623

Details

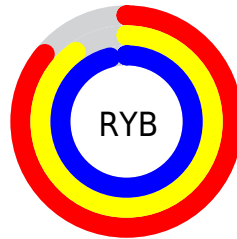
The YUV color $233.2310, 6.2951, -12.4806$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.7690, -6.2951, 12.4806$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5300, 6.1477, -11.8658$ is the 20% darker color. If you saturate the color by 10%, you get $221.6470, 12.0060, -24.2464$, and if you desaturate by 10%, it is $244.8150, 0.5842, -0.7148$.

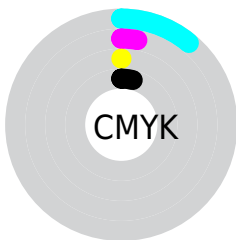
Distribution



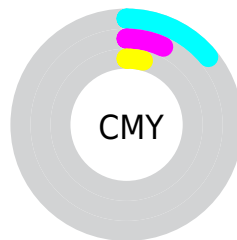
- Red (86%)
- Green (93%)
- Blue (96%)



- Red (86%)
- Yellow (90%)
- Blue (96%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (14%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2310, 6.2951, -12.4806 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 233.2310, 6.2951, -12.4806 by changing the saturation by 10% instead.

■ 233.2310, 6.2951,
-12.4806

■ 233.2310, 6.2951,
-12.4806

255.0000, 0.0000,
0.0000

■ 205.2310, 6.2951,
-12.4806

■ 177.5300, 6.1477,
-11.8658

■ 150.5300, 6.1477,
-11.8658

■ 124.7150, 5.5635,
-11.1511

■ 99.7150, 5.5635,
-11.1511

■ 76.0140, 5.4161,
-10.5363

■ 52.9000, 4.9793,

-10.4363

■ 31.9000, 4.9793,
-10.4363

■ 10.6120, 5.1213,
-9.3067

■ 233.2310, 6.2951,
-12.4806

■ 233.2310, 6.2951,
-12.4806

■ 221.6470, 12.0060,
-24.2464

■ 244.8150, 0.5842,
-0.7148

■ 209.7750, 17.8589,
-34.8827

■ 252.8000, -3.3524,
1.9294

■ 198.1910, 23.5698,
-46.6485

■ 253.9740, -3.9312,
0.8998

■ 186.9060, 29.1333,
-57.7996

■ 175.3220, 34.8443,
-69.5654

■ 163.1510, 40.8446,
-80.8164

■ 151.8660, 46.4081,
-91.9675

■ 140.2820, 52.1190,
-103.7333

■ 129.5950, 57.3877,
-113.6548

Harmonies

Analogous

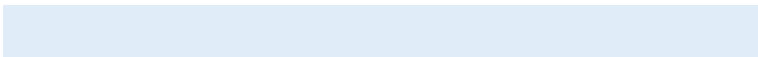
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5360, 3.6798, -13.6251



233.2310, 6.2951, -12.4806



234.1930, 7.2999, -8.0623

Triad

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



233.2310, 6.2951, -12.4806



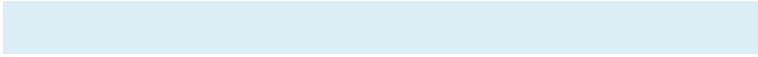
236.4790, 0.2569, 10.9809



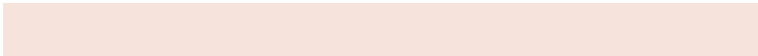
233.9910, -6.4046, 0.8849

Complementary

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



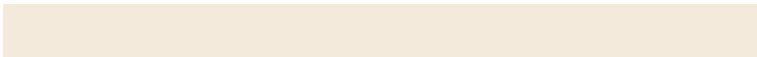
233.2310, 6.2951, -12.4806



231.7690, -6.2951, 12.4806

Split Complementary

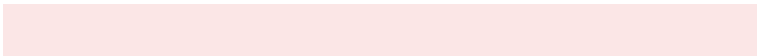
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



235.0950, -7.4418, 6.9327



233.2310, 6.2951, -12.4806



236.2790, -3.0955, 12.9103

Square

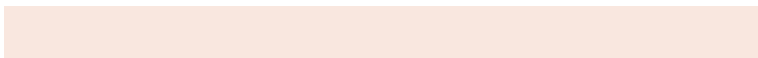
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



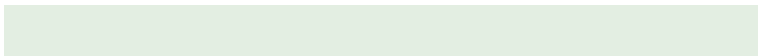
233.2310, 6.2951, -12.4806



236.0700, 3.9095, 6.0776



235.4700, -6.1477, 11.8658



233.3430, -3.6201, -5.5628

Rectangle

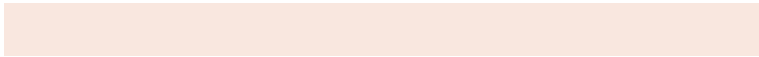
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



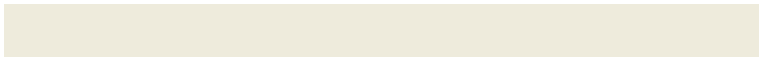
233.2310, 6.2951, -12.4806



234.8130, 6.9942, -3.3440



235.4700, -6.1477, 11.8658



234.1870, -6.9942, 3.3440

Sweetspot

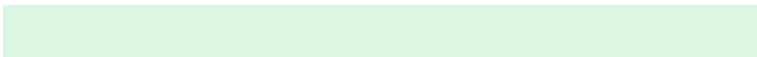
The Sweet Spot groups the original color and five complimentary colors.



233.2310, 6.2951, -12.4806



251.4340, 1.7580, -3.8886



235.7610, -4.3192, -14.6994



125.0320, 1.4632, -2.6591



0.0000, 0.0000, 0.0000



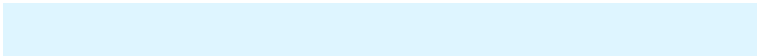
128.0000, 0.0000, 0.0000

Same Dimension

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



233.2310, 6.2951, -12.4806



239.2630, 7.7583, -15.1397



225.6000, 10.0572, -5.7882



116.6510, 2.6371, -5.8329



98.1010, 43.3342, -86.0346



30.7930, 13.9061, -27.0055

Inverse Universe

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



229.2390, 4.3192, 14.6994



234.4890, 5.1819, 17.9881



239.4000, -10.0572, 5.7882



114.6140, 2.1623, 6.4775



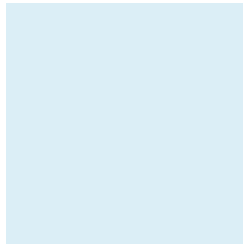
70.5480, 29.8028, 101.2514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 233.2310, 6.2951, -12.4806 looks on a white background.

Color Contrast Check

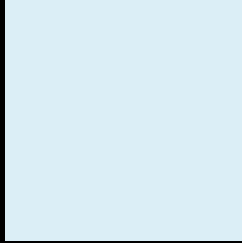
Large Text (above 18pt) WCAG AA × Fail

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 233.2310, 6.2951, -12.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

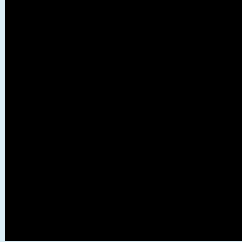
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.2310, 6.2951, -12.4806

Background



This preview shows how black text looks on a background with the YUV color 233.2310, 6.2951, -12.4806.



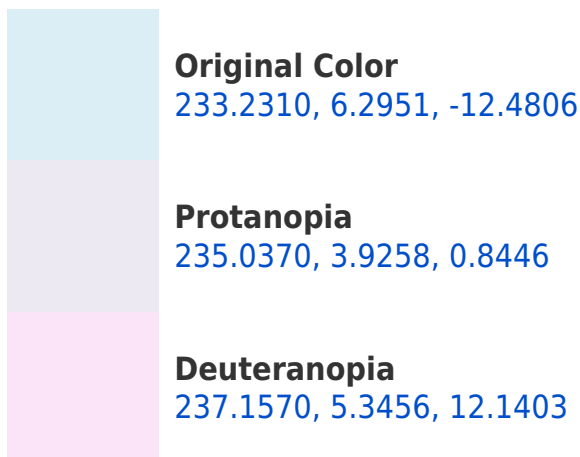
This preview shows how white text looks on a background with the YUV color 233.2310, 6.2951, -12.4806.

-12.4806.

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

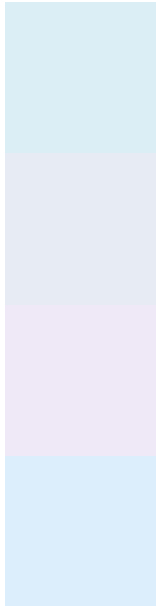




Tritanopia

233.6810, 10.5103, -11.1212

Trichromacy



Original Color

233.2310, 6.2951, -12.4806

Protanomaly

234.5310, 4.6682, -3.9737

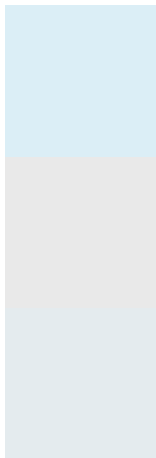
Deuteranomaly

235.8030, 5.5201, 2.8038

Tritanomaly

233.6270, 9.0579, -11.9509

Monochromacy



Original Color

233.2310, 6.2951, -12.4806

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.2490, 2.3422, -4.6034

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2310, 6.2951, -12.4806 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(219, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 246)  
}
```

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(219, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 246) }
```

Border

The CSS property to change the border of an element to YUV 233.2310, 6.2951, -12.4806 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(219, 238, 246) }
```


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

```
.border{ border-color:rgb(219, 238, 246) }
```

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

Here you see how a box with a 4 pixel rgb(219, 238, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 233.2310, 6.2951, -12.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 246) }
```

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

```
.background{ background-color: rgb(219,  
238, 246) }
```

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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