

Converting Colors

YUV(232.7310, 4.5696,
-19.0581)

Have a look what the booklet for
YUV(232.7310, 4.5696, -19.0581)
contains.

YUV(232.7310, 4.5696, -19.0581)	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(232.7310, 4.5696,
-19.0581)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F2F2
RGB	211, 242, 242
RGB Percent	83%, 95%, 95%
CMY	0.1725, 0.0510, 0.0510
CMYK	0.13, 0.00, 0.00, 0.05
HSL	180°, 54%, 89%
HSV	180°, 13%, 95%
XYZ	74.6431, 83.7640, 96.2383
YIQ	232.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

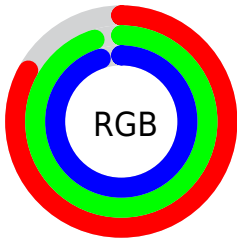
Format	Color
R _Y B	211, 227, 242
Decimal	13890290
CIE Lab	93.35, -10.02, -3.41
CIE LCh	93, 10.586, 198.771
Yxy	83.7640, 0.2931, 0.3289
Android (android.graphics.Color)	4292080370 (0xFFD3F2F2)
YUV	232.7310, 4.5696, -19.0581
Hunter-Lab	91.5226, -14.5854, 1.7209

Details

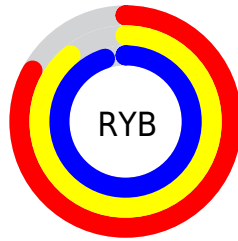
The YUV color $232.7310, 4.5696, -19.0581$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.2690, -4.5696, 19.0581$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.0300, 4.4222, -18.4433$ is the 20% darker color. If you saturate the color by 10%, you get $225.5550, 8.1074, -33.8127$, and if you desaturate by 10%, it is $239.9070, 1.0318, -4.3034$.

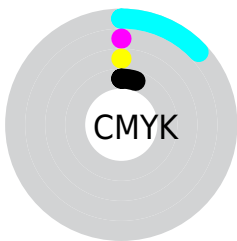
Distribution



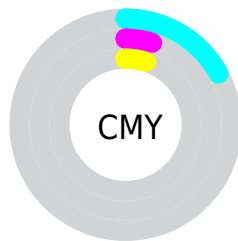
- Red (83%)
- Green (95%)
- Blue (95%)



- Red (83%)
- Yellow (89%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 232.7310, 4.5696, -19.0581 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 232.7310, 4.5696, -19.0581 by changing the saturation by 10% instead.

■ 232.7310, 4.5696,
-19.0581

■ 232.7310, 4.5696,
-19.0581

255.0000, 0.0000,
0.0000

■ 204.7310, 4.5696,
-19.0581

■ 177.0300, 4.4222,
-18.4433

■ 150.3290, 4.2748,
-17.8285

■ 124.3290, 4.2748,
-17.8285

■ 99.6280, 4.1274,
-17.2138

■ 74.9270, 3.9800,
-16.5990

■ 51.9270, 3.9800,

-16.5990

■ 30.0410, 4.4168,
-16.6990

■ 12.6180, 2.6533,
-11.0660

■ 232.7310, 4.5696,
-19.0581

■ 232.7310, 4.5696,
-19.0581

■ 225.5550, 8.1074,
-33.8127

■ 239.9070, 1.0318,
-4.3034

■ 218.3790, 11.6452,
-48.5674

■ 245.8870, -1.9163,
7.9921

■ 210.9040, 15.3303,
-63.9368

■ 203.7280, 18.8681,
-78.6915

■ 196.5520, 22.4059,
-93.4461

■ 189.3760, 25.9436,
-108.2008

■ 182.2000, 29.4814,
-122.9554

■ 174.7250, 33.1666,
-138.3248

■ 169.6420, 35.6725,
-148.7760

Harmonies

Analogous

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



233.0860, -0.5354, -14.9844



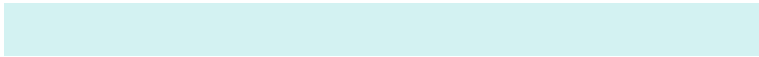
232.7310, 4.5696, -19.0581



233.7680, 8.4954, -18.2135

Triad

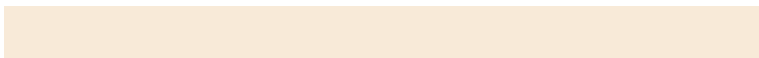
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.7310, 4.5696, -19.0581



237.5370, 5.6513, 7.4221



236.1340, -9.9261, 10.4065

Complementary

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



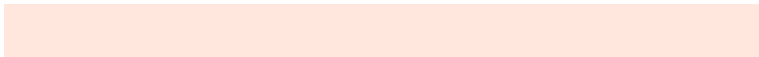
232.7310, 4.5696, -19.0581



220.2690, -4.5696, 19.0581

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.



237.0360, -7.9057, 15.7544



232.7310, 4.5696, -19.0581



238.0280, 0.9722, 14.8844

Square

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



232.7310, 4.5696, -19.0581



236.6820, 9.0308, -3.2291



236.8880, -3.3958, 15.8842



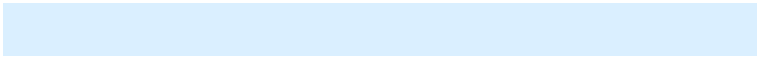
234.7200, -8.7360, 1.9996

Rectangle

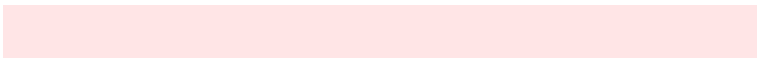
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



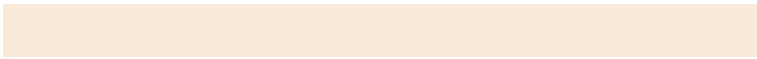
232.7310, 4.5696, -19.0581



234.5450, 10.0843, -14.5100



236.8880, -3.3958, 15.8842



236.5580, -9.6421, 12.6656

Sweetspot

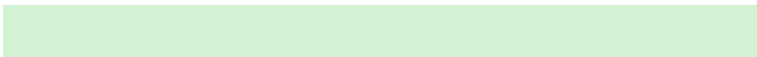
The Sweet Spot groups the original color and five complimentary colors.



232.7310, 4.5696, -19.0581



252.0100, 1.4741, -6.1478



229.1970, -8.9711, -15.9588



125.9070, 1.0318, -4.3034



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.



232.7310, 4.5696, -19.0581



243.6380, 5.6015, -23.3615



223.3390, 9.1999, -10.8213



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Inverse Universe

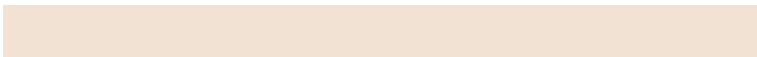
The Inverse Universe completely reimagines the original color for something new.



223.8030, 8.9711, 15.9588



232.6940, 10.9969, 19.5624



229.0740, -8.9105, 11.3361



112.9560, 3.4727, 6.1776



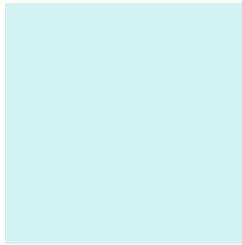
75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287

Previews

White Background



This preview shows how the YUV color 232.7310, 4.5696, -19.0581 looks on a white background.

Color Contrast Check

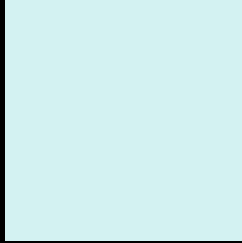
Large Text (above 18pt) WCAG AA × Fail

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 232.7310, 4.5696, -19.0581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

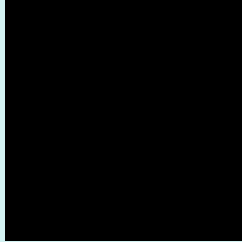
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

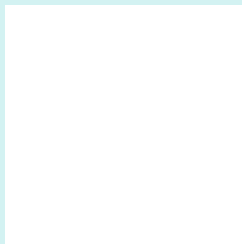
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.7310, 4.5696, -19.0581

Background



This preview shows how black text looks on a background with the YUV color 232.7310, 4.5696, -19.0581.



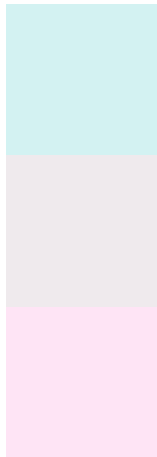
This preview shows how white text looks on a background with the YUV color 232.7310, 4.5696, -19.0581.

-19.0581.

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

232.7310, 4.5696, -19.0581

Protanopia

235.8370, 0.5734, 2.7740

Deuteranopia

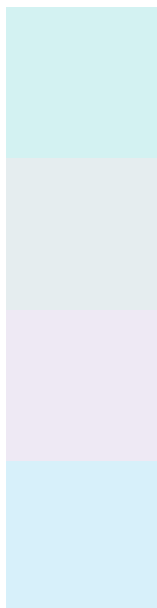
237.7120, 3.5930, 14.2846



Tritanopia

234.5450, 10.0843, -14.5100

Trichromacy



Original Color

232.7310, 4.5696, -19.0581

Protanomaly

234.8360, 2.0529, -5.1182

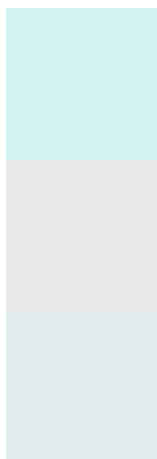
Deuteranomaly

235.7490, 4.0677, 1.9741

Tritanomaly

233.6650, 8.0532, -16.3692

Monochromacy



Original Color

232.7310, 4.5696, -19.0581

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

232.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.7310, 4.5696, -19.0581 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(211, 242, 242)` looks like.

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

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

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

Border

The CSS property to change the border of an element to YUV 232.7310, 4.5696, -19.0581 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(211, 242, 242) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 232.7310, 4.5696, -19.0581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor