

Converting Colors

YUV(236.0790, 3.4121,
-21.1173)

Have a look what the booklet for
YUV(236.0790, 3.4121, -21.1173)
contains.

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Color

**YUV(236.0790, 3.4121,
-21.1173)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F7F3
RGB	212, 247, 243
RGB Percent	83%, 97%, 95%
CMY	0.1686, 0.0314, 0.0471
CMYK	0.14, 0.00, 0.02, 0.03
HSL	173°, 69%, 90%
HSV	173°, 14%, 97%
XYZ	76.5898, 86.9896, 97.5480
YIQ	236.0790, -19.5760, -8.6640

Conversions

Conversions Part 2

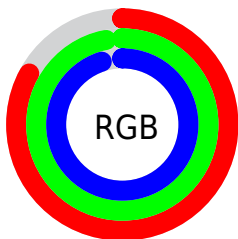
Format	Color
R _Y B	212, 231, 247
Decimal	13957107
CIE Lab	94.73, -12.02, -1.88
CIE LCh	95, 12.168, 188.905
Yxy	86.9896, 0.2933, 0.3331
Android (android.graphics.Color)	4292147187 (0xFFD4F7F3)
YUV	236.0790, 3.4121, -21.1173
Hunter-Lab	93.2682, -16.6392, 3.2772

Details

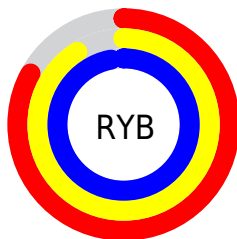
The YUV color $236.0790, 3.4121, -21.1173$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $222.9210, -3.4121, 21.1173$, and the grayscale version is $236.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $180.3780, 3.2646, -20.5025$ is the 20% darker color. If you saturate the color by 10%, you get $228.2620, 5.7868, -36.1868$, and if you desaturate by 10%, it is $243.8960, 1.0373, -6.0478$.

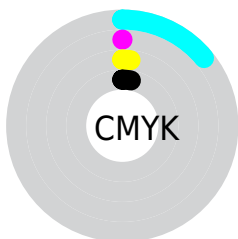
Distribution



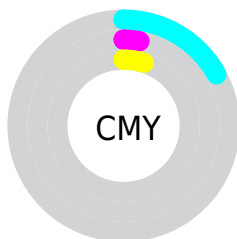
- Red (83%)
- Green (97%)
- Blue (95%)



- Red (83%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.0790, 3.4121, -21.1173 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 236.0790, 3.4121, -21.1173 by changing the saturation by 10% instead.

■ 236.0790, 3.4121,
-21.1173

■ 236.0790, 3.4121,
-21.1173

255.0000, 0.0000,
0.0000

■ 207.4920, 3.7014,
-20.6025

■ 180.3780, 3.2646,
-20.5025

■ 153.6770, 3.1172,
-19.8877

■ 127.0900, 3.4066,
-19.3729

■ 102.0900, 3.4066,
-19.3729

■ 77.6880, 3.1118,
-18.1434

■ 54.6880, 3.1118,

-18.1434

■ 32.3890, 3.2592,
-18.7582

■ 15.0800, 1.9326,
-13.2252

■ 236.0790, 3.4121,
-21.1173

■ 236.0790, 3.4121,
-21.1173

■ 228.2620, 5.7868,
-36.1868

■ 243.8960, 1.0373,
-6.0478

■ 220.7440, 8.0142,
-50.6415

■ 249.6200, -0.3057,
4.7183

■ 213.0410, 10.8258,
-65.8110

■ 249.8480, 0.5679,
4.5183

■ 205.2240, 13.2006,
-80.8804

■ 250.1900, 1.8783,
4.2184

■ 197.7060, 15.4279,
-95.3352

■ 250.3040, 2.3151,
4.1184

■ 189.8890, 17.8027,
-110.4047

■ 182.0720, 20.1775,
-125.4741

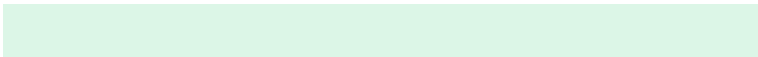
■ 174.2550, 22.5523,
-140.5436

■ 169.9550, 24.1792,
-149.0505

Harmonies

Analogous

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



236.5160, -2.7194, -14.4845



236.0790, 3.4121, -21.1173



236.4470, 8.6536, -22.3170

Triad

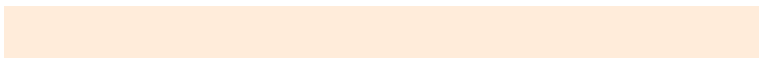
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.0790, 3.4121, -21.1173



241.4550, 6.6777, 4.8630



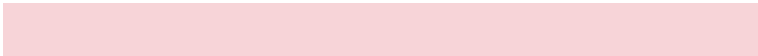
239.6290, -10.6631, 13.4804

Complementary

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



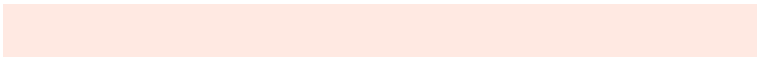
236.0790, 3.4121, -21.1173



222.9210, -3.4121, 21.1173

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.



238.7800, -6.3005, 14.2249



236.0790, 3.4121, -21.1173



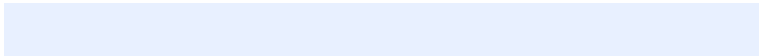
241.4020, 3.7458, 11.9254

Square

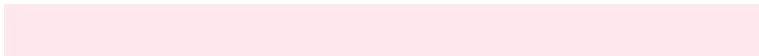
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



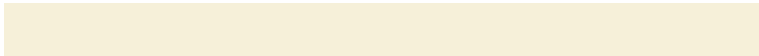
236.0790, 3.4121, -21.1173



239.3180, 7.7312, -6.4179



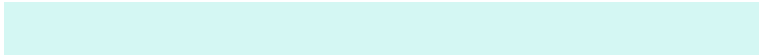
239.4470, -1.2064, 13.6400



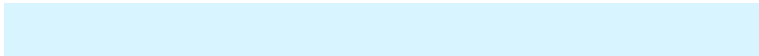
239.1720, -10.9308, 5.9882

Rectangle

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



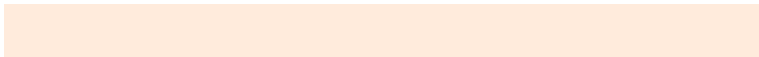
236.0790, 3.4121, -21.1173



236.8820, 8.9322, -18.3135



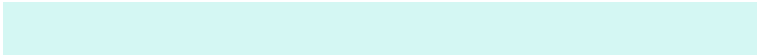
239.4470, -1.2064, 13.6400



239.2700, -9.5001, 13.7952

Sweetspot

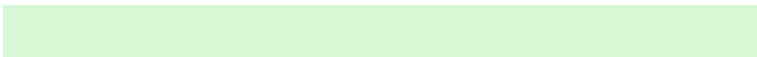
The Sweet Spot groups the original color and five complimentary colors.



236.0790, 3.4121, -21.1173



251.8960, 1.0373, -6.0478



233.7410, -10.7183, -15.5589



125.7930, 0.5951, -4.2035



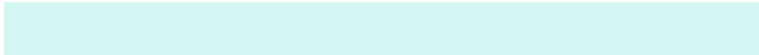
0.0000, 0.0000, 0.0000



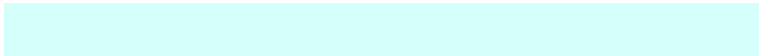
128.0000, 0.0000, 0.0000

Same Dimension

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



236.0790, 3.4121, -21.1173



241.5730, 4.1545, -25.9355



228.9040, 8.9213, -14.8248



118.2980, 1.3321, -7.2773



127.9920, 18.2449, -112.2490



40.5610, 5.6394, -35.5720

Inverse Universe

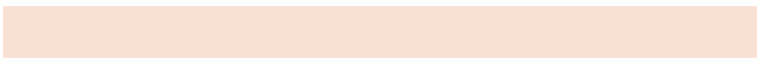
The Inverse Universe completely reimagines the original color for something new.



222.9210, -3.4121, 21.1173



225.4270, -4.1545, 25.9355



230.0960, -8.9213, 14.8248



113.8160, -0.8953, 7.1774



58.0080, -18.2449, 112.2490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 236.0790, 3.4121, -21.1173 looks on a white background.

Color Contrast Check

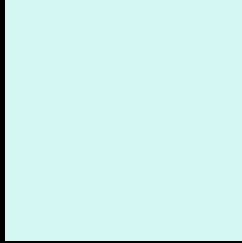
Large Text (above 18pt) WCAG AA × Fail

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 236.0790, 3.4121, -21.1173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

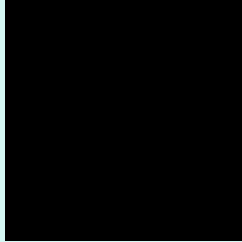
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

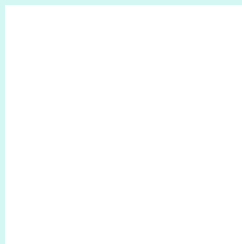
Any Text WCAG AAA ✓ Pass

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

YUV 236.0790, 3.4121, -21.1173 Background



This preview shows how black text looks on a background with the YUV color 236.0790, 3.4121, -21.1173.



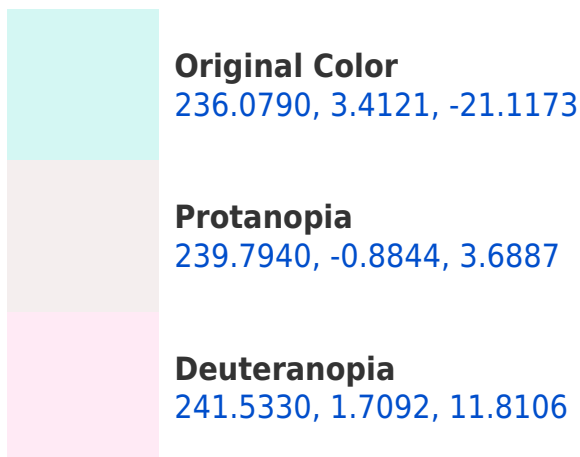
This preview shows how white text looks on a background with the YUV color 236.0790, 3.4121, -21.1173.

-21.1173.

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

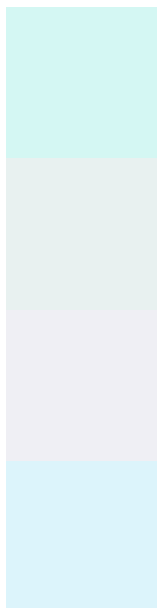




Tritanopia

238.3990, 8.1843, -11.7509

Trichromacy



Original Color

236.0790, 3.4121, -21.1173

Protanomaly

238.1950, 0.8899, -5.4330

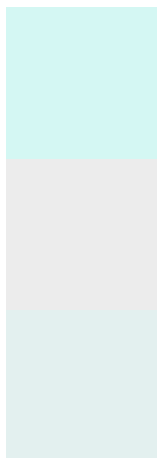
Deuteranomaly

239.5700, 2.1840, -0.4999

Tritanomaly

237.6220, 6.5954, -15.4545

Monochromacy



Original Color

236.0790, 3.4121, -21.1173

Achromatopsia

236.0000, 0.0000, 0.0000

Achromatomaly

235.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.0790, 3.4121, -21.1173 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(212, 247, 243)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 243)  
}
```

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(212, 247, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 243) }
```

Border

The CSS property to change the border of an element to YUV 236.0790, 3.4121, -21.1173 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(212, 247, 243) }
```


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

```
.border{ border-color:rgb(212, 247, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 247, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 243);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 236.0790, 3.4121, -21.1173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 243) }
```

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

```
.background{ background-color: rgb(212,  
247, 243) }
```

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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