

Converting Colors

YUV(236.8720, 7.4581,
-12.1657)

Have a look what the booklet for
YUV(236.8720, 7.4581, -12.1657)
contains.

YUV(236.8720, 7.4581, -12.1657)	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(236.8720, 7.4581,
-12.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF1FC
RGB	223, 241, 252
RGB Percent	87%, 95%, 99%
CMY	0.1255, 0.0549, 0.0118
CMYK	0.12, 0.04, 0.00, 0.01
HSL	203°, 83%, 93%
HSV	203°, 12%, 99%
XYZ	79.4574, 85.6268, 104.4352
YIQ	236.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

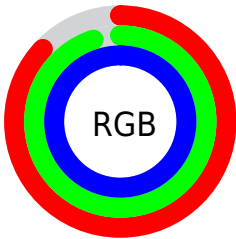
Format	Color
R _Y B	223, 234, 252
Decimal	14676476
CIE Lab	94.15, -3.78, -7.32
CIE LCh	94, 8.239, 242.691
Yxy	85.6268, 0.2948, 0.3177
Android (android.graphics.Color)	4292866556 (0xFFDFF1FC)
YUV	236.8720, 7.4581, -12.1657
Hunter-Lab	92.5348, -8.6622, -2.1407

Details

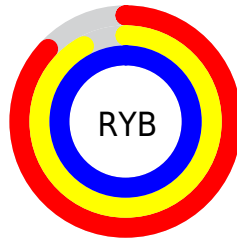
The YUV color $236.8720, 7.4581, -12.1657$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.1280, -7.4581, 12.1657$, and the grayscale version is $237.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $181.0570, 6.8739, -11.4510$ is the 20% darker color. If you saturate the color by 10%, you get $223.5270, 14.0372, -22.3872$, and if you desaturate by 10%, it is $250.2170, 0.8790, -1.9443$.

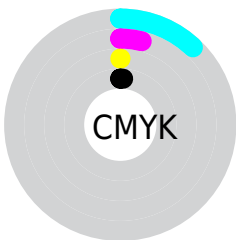
Distribution



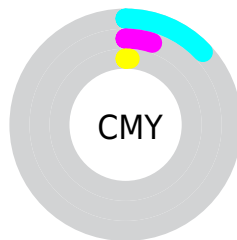
- Red (87%)
- Green (95%)
- Blue (99%)



- Red (87%)
- Yellow (92%)
- Blue (99%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 236.8720, 7.4581, -12.1657 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 236.8720, 7.4581, -12.1657 by changing the saturation by 10% instead.

■ 236.8720, 7.4581,
-12.1657

■ 236.8720, 7.4581,
-12.1657

255.0000, 0.0000,
0.0000

■ 208.7580, 7.0213,
-12.0658

■ 181.0570, 6.8739,
-11.4510

■ 154.0570, 6.8739,
-11.4510

■ 128.0570, 6.8739,
-11.4510

■ 103.2420, 6.2897,
-10.7362

■ 79.2420, 6.2897,
-10.7362

■ 56.1280, 5.8529,

-10.6363

■ 34.4270, 5.7055,
-10.0215

■ 12.8290, 6.0003,
-11.2510

■ 236.8720, 7.4581,
-12.1657

■ 236.8720, 7.4581,
-12.1657

■ 223.5270, 14.0372,
-22.3872

■ 250.2170, 0.8790,
-1.9443

■ 210.7690, 20.3269,
-33.1234

■ 254.6580, -1.3104,
0.2999

■ 197.1250, 27.0534,
-43.9596

■ 184.3670, 33.3431,
-54.6959

■ 171.0220, 39.9222,
-64.9173

■ 158.2640, 46.2118,
-75.6535

■ 144.9190, 52.7909,
-85.8750

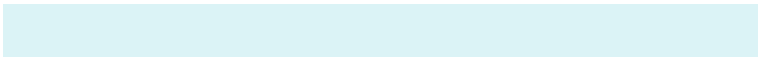
■ 131.8620, 59.2280,
-97.2260

■ 120.3000, 64.9281,
-105.5031

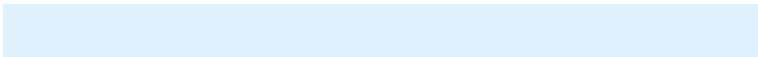
Harmonies

Analogous

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



236.1660, 4.8482, -15.0546



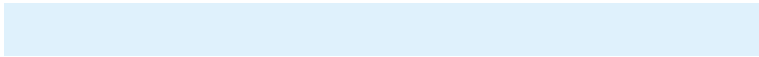
236.8720, 7.4581, -12.1657



238.3180, 7.7312, -6.4179

Triad

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



236.8720, 7.4581, -12.1657



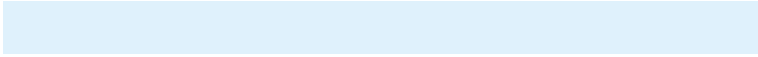
240.1480, -1.0590, 13.0252



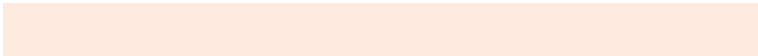
236.7950, -5.8149, -1.5742

Complementary

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



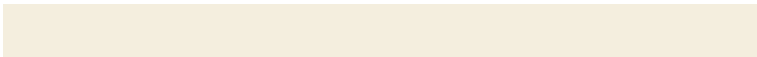
236.8720, 7.4581, -12.1657



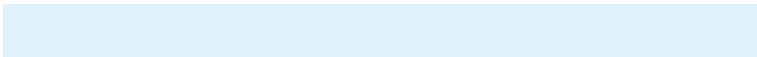
238.1280, -7.4581, 12.1657

Split Complementary

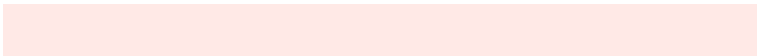
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.9700, -7.8732, 5.2883



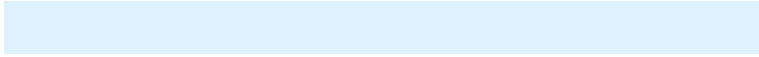
236.8720, 7.4581, -12.1657



239.2360, -4.5533, 13.8250

Square

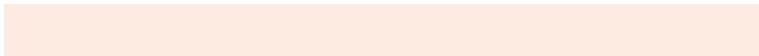
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.8720, 7.4581, -12.1657



240.1520, 2.8831, 8.6367



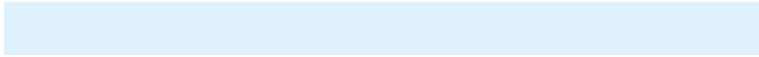
238.8290, -7.3107, 11.5510



235.9620, -2.4463, -8.7367

Rectangle

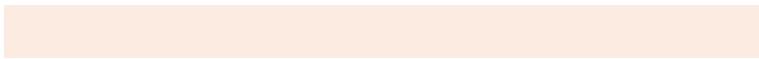
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236.8720, 7.4581, -12.1657



239.1230, 6.8414, -0.9849



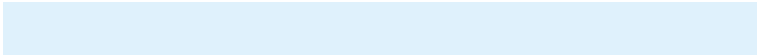
238.8290, -7.3107, 11.5510



237.4640, -7.1308, 0.4701

Sweetspot

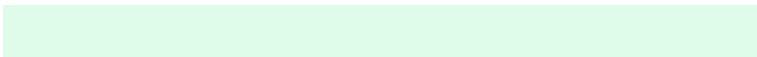
The Sweet Spot groups the original color and five complimentary colors.



236.8720, 7.4581, -12.1657



250.8470, 2.0474, -3.3738



241.2770, -3.5876, -16.0289



125.0320, 1.4632, -2.6591



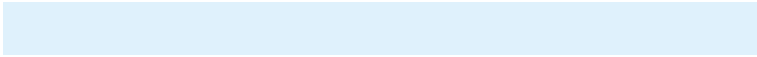
0.0000, 0.0000, 0.0000



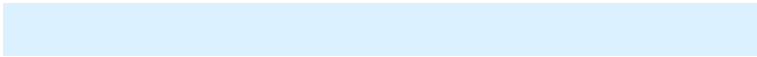
128.0000, 0.0000, 0.0000

Same Dimension

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



236.8720, 7.4581, -12.1657



236.0180, 9.3581, -14.9248



228.6540, 11.5096, -4.9586



118.1780, 3.3632, -5.4181



90.2250, 48.6961, -79.1273



29.2600, 15.6478, -25.6610

Inverse Universe

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



233.7230, 3.5876, 16.0289



232.2720, 4.3029, 19.9325



246.3460, -11.5096, 4.9586



116.7990, 1.5781, 7.1923



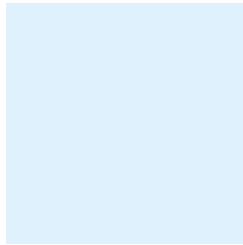
69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 236.8720, 7.4581, -12.1657 looks on a white background.

Color Contrast Check

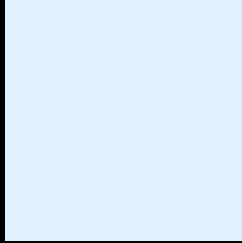
Large Text (above 18pt) WCAG AA × Fail

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 236.8720, 7.4581, -12.1657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

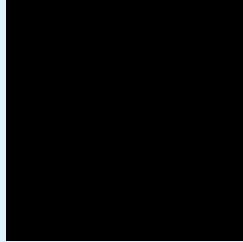
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

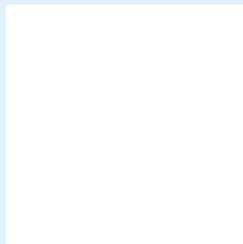
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 236.8720, 7.4581, -12.1657

Background



This preview shows how black text looks on a background with the YUV color 236.8720, 7.4581, -12.1657.



This preview shows how white text looks on a background with the YUV color 236.8720, 7.4581, -12.1657.

-12.1657.

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

236.8720, 7.4581, -12.1657

Protanopia

238.9660, 4.9468, 0.0298

Deuteranopia

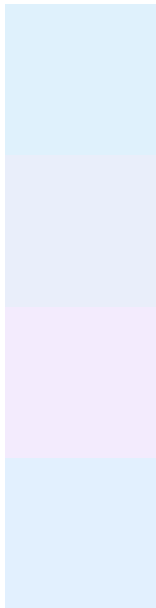
240.4990, 6.6560, 11.8404



Tritanopia

237.8230, 8.4683, -9.4918

Trichromacy



Original Color

236.8720, 7.4581, -12.1657

Protanomaly

237.8730, 5.9786, -4.2736

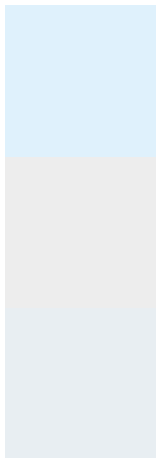
Deuteranomaly

239.4440, 6.6831, 3.1186

Tritanomaly

237.4100, 8.1789, -10.0066

Monochromacy



Original Color

236.8720, 7.4581, -12.1657

Achromatopsia

237.0000, 0.0000, 0.0000

Achromatomaly

236.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 236.8720, 7.4581, -12.1657 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(223, 241, 252)` looks like.

```
.text, #text, p{  
    color:rgb(223, 241, 252)  
}
```

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(223, 241, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 241, 252) }
```

Border

The CSS property to change the border of an element to YUV 236.8720, 7.4581, -12.1657 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(223, 241, 252) }
```


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

```
.border{ border-color:rgb(223, 241, 252) }
```

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

Here you see how a box with a 4 pixel rgb(223, 241, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 241, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 241, 252);  
box-shadow:4px 4px 4px 4px rgb(223, 241,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 236.8720, 7.4581, -12.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 241, 252) }
```

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

```
.background{ background-color: rgb(223,  
241, 252) }
```

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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