

Converting Colors

YUV(240.6010, 1.6757,
-24.2061)

Have a look what the booklet for
YUV(240.6010, 1.6757, -24.2061)
contains.

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Color

**YUV(240.6010, 1.6757,
-24.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FEF4
RGB	213, 254, 244
RGB Percent	84%, 100%, 96%
CMY	0.1647, 0.0039, 0.0431
CMYK	0.16, 0.00, 0.04, 0.00
HSL	165°, 95%, 92%
HSV	165°, 16%, 100%
XYZ	79.2115, 91.5614, 99.0862
YIQ	240.6010, -21.2260, -11.8020

Conversions

Conversions Part 2

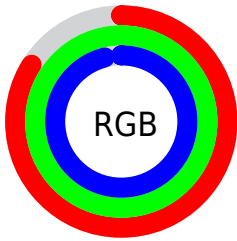
Format	Color
R _Y B	213, 236, 254
Decimal	14024436
CIE Lab	96.64, -14.99, 0.40
CIE LCh	97, 14.996, 178.487
Yxy	91.5614, 0.2935, 0.3393
Android (android.graphics.Color)	4292214516 (0xFFD5FEF4)
YUV	240.6010, 1.6757, -24.2061
Hunter-Lab	95.6877, -19.6889, 5.5857

Details

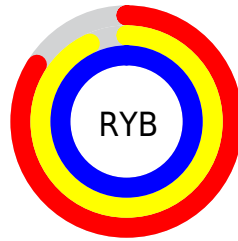
The YUV color $240.6010, 1.6757, -24.2061$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.3990, -1.6757, 24.2061$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.3130, 1.8177, -23.0765$ is the 20% darker color. If you saturate the color by 10%, you get $232.4420, 2.7401, -38.9756$, and if you desaturate by 10%, it is $248.7600, 0.6113, -9.4365$.

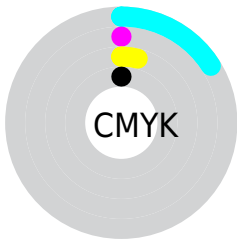
Distribution



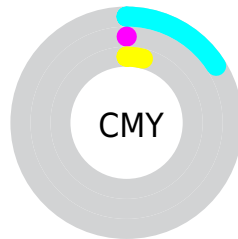
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.6010, 1.6757, -24.2061 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 240.6010, 1.6757, -24.2061 by changing the saturation by 10% instead.

■ 240.6010, 1.6757,
-24.2061

■ 240.6010, 1.6757,
-24.2061

255.0000, 0.0000,
0.0000

■ 212.0140, 1.9651,
-23.6913

■ 184.3130, 1.8177,
-23.0765

■ 157.3130, 1.8177,
-23.0765

■ 131.0250, 1.9597,
-21.9469

■ 105.9110, 1.5229,
-21.8469

■ 81.3240, 1.8123,
-21.3321

■ 57.7370, 2.1017,

-20.8173

■ 34.8400, 2.5439,
-22.6617

■ 18.1290, 0.9224,
-15.8991

■ 240.6010, 1.6757,
-24.2061

■ 240.6010, 1.6757,
-24.2061

■ 232.4420, 2.7401,
-38.9756

■ 248.7600, 0.6113,
-9.4365

■ 223.9840, 3.9519,
-54.3600

254.4130, 0.2894,
0.5148

■ 215.7110, 4.5795,
-69.0295

■ 207.2530, 5.7913,
-84.4139

■ 199.0940, 6.8557,
-99.1834

■ 190.9350, 7.9200,
-113.9530

■ 182.4770, 9.1318,
-129.3373

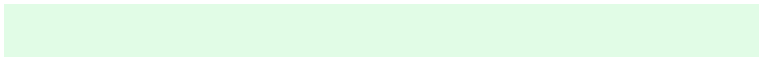
■ 174.2040, 9.7594,
-144.0069

■ 170.9860, 10.3599,
-149.9547

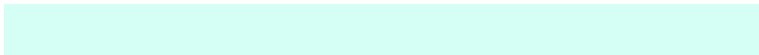
Harmonies

Analogous

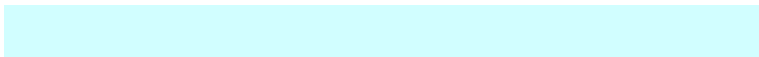
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4190, -5.6296, -14.3995



240.6010, 1.6757, -24.2061



240.6590, 7.0701, -27.7649

Triad

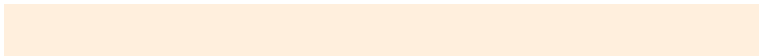
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.6010, 1.6757, -24.2061



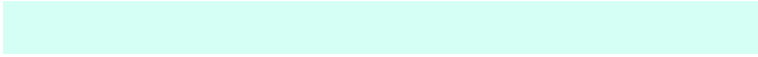
244.9770, 4.9413, 1.7742



241.7320, -10.2209, 11.6360

Complementary

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



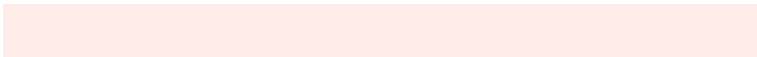
240.6010, 1.6757, -24.2061



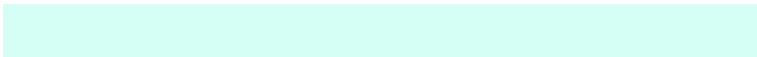
226.3990, -1.6757, 24.2061

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.



241.2250, -4.5479, 12.0807



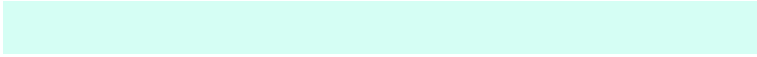
240.6010, 1.6757, -24.2061



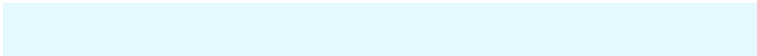
245.0210, 4.9196, 8.7516

Square

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



240.6010, 1.6757, -24.2061



242.5300, 6.1477, -11.8658



242.9350, 2.0040, 10.5810



244.0970, -13.8518, 9.5619

Rectangle

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



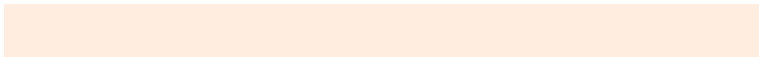
240.6010, 1.6757, -24.2061



240.0830, 7.3541, -25.5058



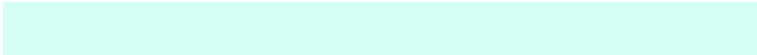
242.9350, 2.0040, 10.5810



241.4870, -8.6211, 11.8509

Sweetspot

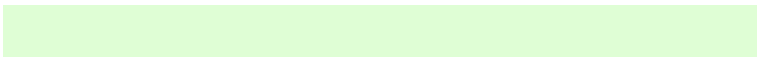
The Sweet Spot groups the original color and five complimentary colors.



240.6010, 1.6757, -24.2061



250.7710, 0.6059, -7.6922



240.0570, -13.3391, -14.9590



125.3800, 0.3057, -4.7183



0.0000, 0.0000, 0.0000



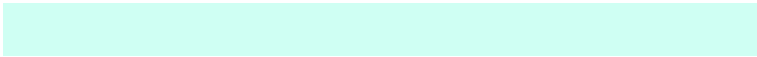
128.0000, 0.0000, 0.0000

Same Dimension

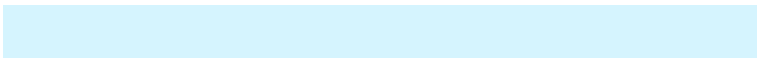
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6010, 1.6757, -24.2061



239.2800, 1.8340, -28.3096



235.8710, 8.9376, -20.0579



123.6570, 0.1691, -7.5922



128.6470, 8.0620, -112.8234



43.0400, 2.4453, -37.7461

Inverse Universe

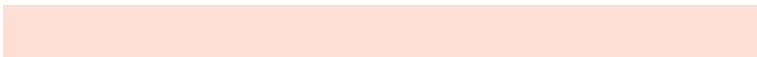
The Inverse Universe completely reimagines the original color for something new.



226.3990, -1.6757, 24.2061



222.6060, -2.2708, 28.4095



231.1290, -8.9376, 20.0579



119.2290, -0.6059, 7.6922



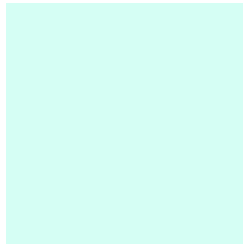
62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 240.6010, 1.6757, -24.2061 looks on a white background.

Color Contrast Check

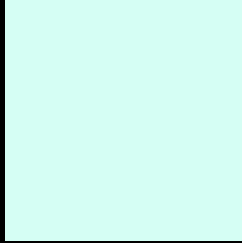
Large Text (above 18pt) WCAG AA × Fail

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 240.6010, 1.6757, -24.2061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

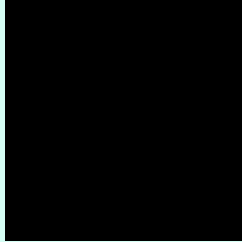
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

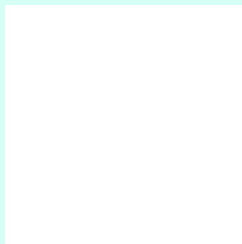
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.6010, 1.6757, -24.2061

Background



This preview shows how black text looks on a background with the YUV color 240.6010, 1.6757, -24.2061.



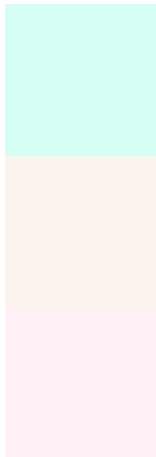
This preview shows how white text looks on a background with the YUV color 240.6010, 1.6757, -24.2061.

-24.2061.

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

240.6010, 1.6757, -24.2061

Protanopia

245.4090, -3.6526, 4.9033

Deuteranopia

245.7560, 0.1203, 8.1070



Tritanopia

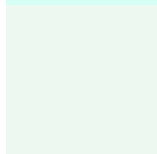
244.3240, 5.2633, -8.1771

Trichromacy



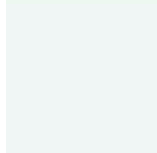
Original Color

240.6010, 1.6757, -24.2061



Protanomaly

243.7990, -1.8729, -5.9627



Deuteranomaly

244.0920, 0.4476, -3.5887



Tritanomaly

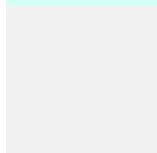
243.2370, 3.8272, -14.2398

Monochromacy



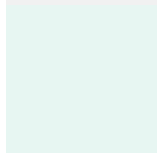
Original Color

240.6010, 1.6757, -24.2061



Achromatopsia

241.0000, 0.0000, 0.0000



Achromatomaly

241.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.6010, 1.6757, -24.2061 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(213, 254, 244)` looks like.

```
.text, #text, p{  
    color:rgb(213, 254, 244)  
}
```

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(213, 254, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 254, 244) }
```

Border

The CSS property to change the border of an element to YUV 240.6010, 1.6757, -24.2061 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(213, 254, 244) }
```


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

```
.border{ border-color:rgb(213, 254, 244) }
```

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

Here you see how a box with a 4 pixel rgb(213, 254, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 254, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 254, 244);  
box-shadow:4px 4px 4px 4px rgb(213, 254,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 240.6010, 1.6757, -24.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 254, 244) }
```

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

```
.background{ background-color: rgb(213,  
254, 244) }
```

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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