

Converting Colors

YUV(240.1380, 7.3270,
-16.7840)

Have a look what the booklet for
YUV(240.1380, 7.3270, -16.7840)
contains.

YUV(240.1380, 7.3270, -16.7840)	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(240.1380, 7.3270,
-16.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	DDF7FF
RGB	221, 247, 255
RGB Percent	87%, 97%, 100%
CMY	0.1333, 0.0314, 0.0000
CMYK	0.13, 0.03, 0.00, 0.00
HSL	194°, 100%, 93%
HSV	194°, 13%, 100%
XYZ	81.1296, 89.1137, 107.5324
YIQ	240.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

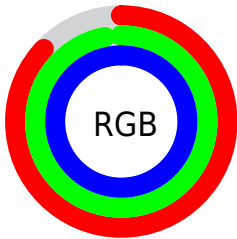
Format	Color
R _Y B	221, 236, 255
Decimal	14546943
CIE Lab	95.63, -6.86, -6.71
CIE LCh	96, 9.593, 224.366
Yxy	89.1137, 0.2921, 0.3208
Android (android.graphics.Color)	4292737023 (0xFFDDDF7FF)
YUV	240.1380, 7.3270, -16.7840
Hunter-Lab	94.4000, -11.7931, -1.4580

Details

The YUV color $240.1380, 7.3270, -16.7840$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $235.8620, -7.3270, 16.7840$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.3230, 6.7428, -16.0693$ is the 20% darker color. If you saturate the color by 10%, you get $229.1410, 12.7485, -29.0647$, and if you desaturate by 10%, it is $251.4340, 1.7580, -3.8886$.

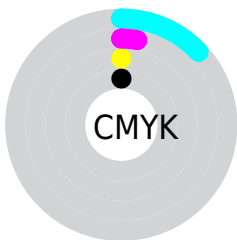
Distribution



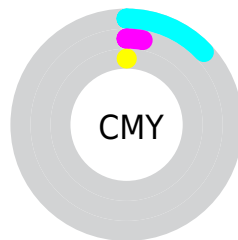
- Red (87%)
- Green (97%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.1380, 7.3270, -16.7840 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 240.1380, 7.3270, -16.7840 by changing the saturation by 10% instead.

240.1380, 7.3270,
-16.7840

240.1380, 7.3270,
-16.7840

255.0000, 0.0000,
0.0000

212.0240, 6.8902,
-16.6840

184.3230, 6.7428,
-16.0693

157.3230, 6.7428,
-16.0693

130.7360, 7.0322,
-15.5545

105.6220, 6.5954,
-15.4545

81.2200, 6.3005,
-14.2249

58.2200, 6.3005,

-14.2249

■ 35.8070, 6.0111,
-14.7397

■ 15.9920, 5.4269,
-14.0250

■ 240.1380, 7.3270,
-16.7840

■ 240.1380, 7.3270,
-16.7840

■ 229.1410, 12.7485,
-29.0647

■ 251.4340, 1.7580,
-3.8886

■ 217.8450, 18.3174,
-41.9601

255.0000, 0.0000,
0.0000

■ 206.8480, 23.7389,
-54.2407

■ 195.5520, 29.3079,
-67.1361

■ 184.5550, 34.7294,
-79.4167

■ 173.2590, 40.2983,
-92.3121

■ 162.2620, 45.7198,
-104.5928

■ 150.9660, 51.2888,
-117.4882

■ 143.5350, 54.9522,
-125.8802

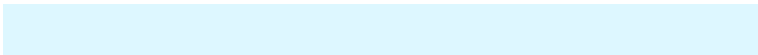
Harmonies

Analogous

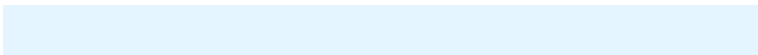
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.5140, 3.6906, -17.1138



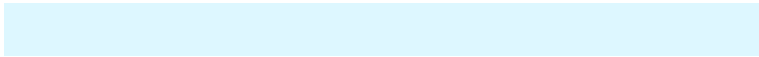
240.1380, 7.3270, -16.7840



241.0570, 6.8739, -11.4510

Triad

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



240.1380, 7.3270, -16.7840



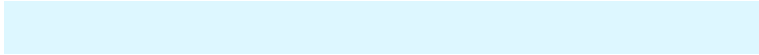
243.6360, 2.1515, 9.9662



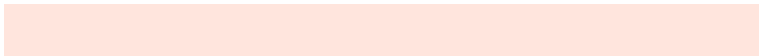
241.7310, -8.7414, 3.7439

Complementary

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



240.1380, 7.3270, -16.7840



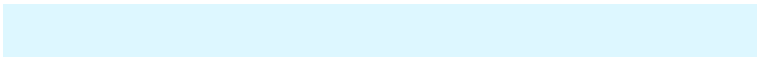
235.8620, -7.3270, 16.7840

Split Complementary

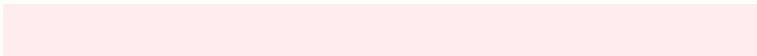
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.7750, -8.7631, 10.7213



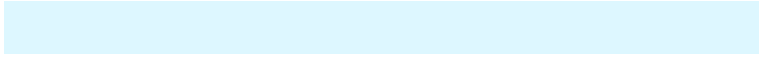
240.1380, 7.3270, -16.7840



241.9090, -1.9271, 11.4808

Square

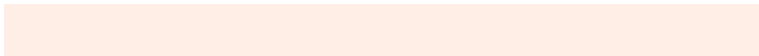
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.1380, 7.3270, -16.7840



244.1130, 5.3673, 5.1629



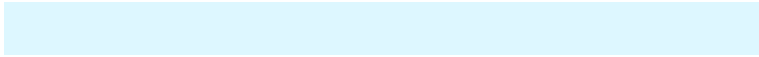
242.1710, -6.0003, 11.2510



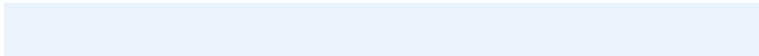
240.7730, -5.8041, -5.0629

Rectangle

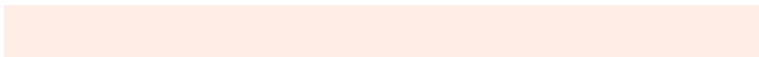
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.1380, 7.3270, -16.7840



241.9760, 6.4208, -6.1180



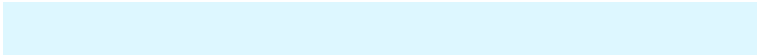
242.1710, -6.0003, 11.2510



242.0410, -8.8942, 6.1030

Sweetspot

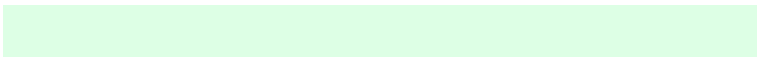
The Sweet Spot groups the original color and five complimentary colors.



240.1380, 7.3270, -16.7840



250.8360, 2.0529, -5.1182



241.8700, -6.3449, -18.3030



124.7330, 1.6106, -3.2738



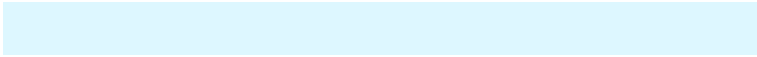
0.0000, 0.0000, 0.0000



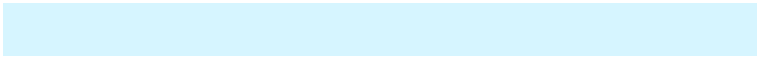
128.0000, 0.0000, 0.0000

Same Dimension

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



240.1380, 7.3270, -16.7840



236.8710, 8.9376, -20.0579



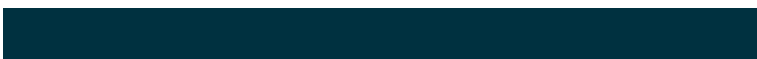
230.1590, 12.2466, -8.0324



122.3520, 2.7845, -6.4477



107.4760, 41.1773, -94.2565



36.0590, 13.7749, -31.6237

Inverse Universe

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



234.1300, 6.3449, 18.3030



229.7930, 7.4971, 22.1065



245.8410, -12.2466, 8.0324



119.9130, 2.0149, 7.0923



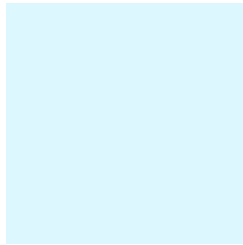
73.7530, 35.6178, 102.8256



24.7220, 11.9691, 34.4468

Previews

White Background



This preview shows how the YUV color 240.1380, 7.3270, -16.7840 looks on a white background.

Color Contrast Check

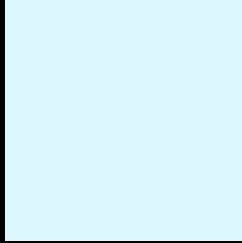
Large Text (above 18pt) WCAG AA × Fail

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 240.1380, 7.3270, -16.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

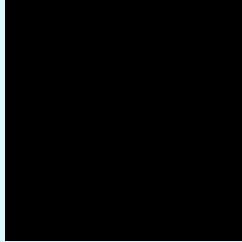
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.1380, 7.3270, -16.7840

Background



This preview shows how black text looks on a background with the YUV color 240.1380, 7.3270, -16.7840.



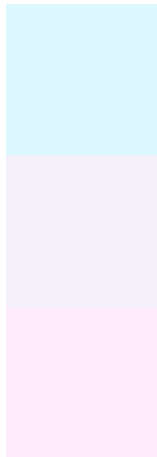
This preview shows how white text looks on a background with the YUV color 240.1380, 7.3270, -16.7840.

-16.7840.

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



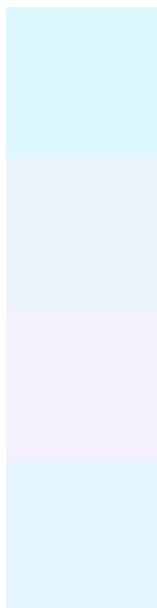
Original Color
240.1380, 7.3270, -16.7840
Protanopia
243.0370, 3.9258, 0.8446
Deuteranopia
244.3200, 4.7722, 9.3664



Tritanopia

241.6660, 6.5737, -8.4771

Trichromacy



Original Color

240.1380, 7.3270, -16.7840

Protanomaly

241.9330, 4.9630, -5.2032

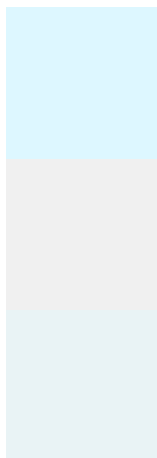
Deuteranomaly

243.0800, 5.3836, -0.0702

Tritanomaly

241.0570, 6.8739, -11.4510

Monochromacy



Original Color

240.1380, 7.3270, -16.7840

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.2380, 2.3477, -6.3477

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.1380, 7.3270, -16.7840 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(221, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(221, 247, 255)  
}
```

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(221, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 247, 255) }
```

Border

The CSS property to change the border of an element to YUV 240.1380, 7.3270, -16.7840 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(221, 247, 255) }
```


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

```
.border{ border-color:rgb(221, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(221, 247,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 240.1380, 7.3270, -16.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 247, 255) }
```

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

```
.background{ background-color: rgb(221,  
247, 255) }
```

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