

Converting Colors

YUV(240.3290, 4.2748,
-17.8285)

Have a look what the booklet for
YUV(240.3290, 4.2748, -17.8285)
contains.

YUV(240.3290, 4.2748, -17.8285)	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(240.3290, 4.2748,
-17.8285)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF9F9
RGB	220, 249, 249
RGB Percent	86%, 98%, 98%
CMY	0.1373, 0.0235, 0.0235
CMYK	0.12, 0.00, 0.00, 0.02
HSL	180°, 71%, 92%
HSV	180°, 12%, 98%
XYZ	80.4898, 89.8066, 102.7147
YIQ	240.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

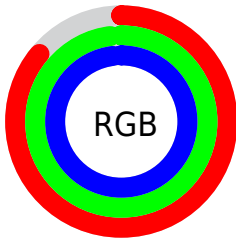
Format	Color
R _Y B	220, 235, 249
Decimal	14481913
CIE Lab	95.92, -9.35, -3.19
CIE LCh	96, 9.881, 198.836
Yxy	89.8066, 0.2948, 0.3289
Android (android.graphics.Color)	4292671993 (0xFFDC9F9F)
YUV	240.3290, 4.2748, -17.8285
Hunter-Lab	94.7663, -14.2321, 2.0736

Details

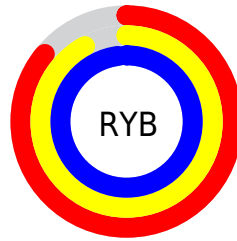
The YUV color $240.3290, 4.2748, -17.8285$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.6710, -4.2748, 17.8285$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.6280, 4.1274, -17.2138$ is the 20% darker color. If you saturate the color by 10%, you get $232.8540, 7.9600, -33.1980$, and if you desaturate by 10%, it is $247.8040, 0.5896, -2.4591$.

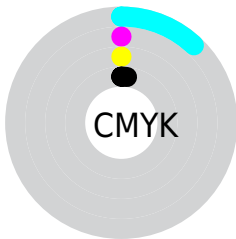
Distribution



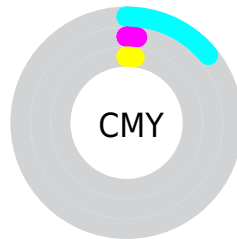
- Red (86%)
- Green (98%)
- Blue (98%)



- Red (86%)
- Yellow (92%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.3290, 4.2748, -17.8285 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 240.3290, 4.2748, -17.8285 by changing the saturation by 10% instead.

240.3290, 4.2748,
-17.8285

240.3290, 4.2748,
-17.8285

255.0000, 0.0000,
0.0000

211.6280, 4.1274,
-17.2138

184.6280, 4.1274,
-17.2138

156.9270, 3.9800,
-16.5990

131.2260, 3.8326,
-15.9842

106.2260, 3.8326,
-15.9842

81.5250, 3.6852,
-15.3694

58.5250, 3.6852,

-15.3694

■ 35.9380, 3.9746,
-14.8546

■ 16.7100, 3.1010,
-14.6547

■ 240.3290, 4.2748,
-17.8285

■ 240.3290, 4.2748,
-17.8285

■ 232.8540, 7.9600,
-33.1980

■ 247.8040, 0.5896,
-2.4591

■ 225.3790, 11.6452,
-48.5674

■ 250.7940, -0.8844,
3.6887

■ 217.9040, 15.3303,
-63.9368

■ 210.4290, 19.0155,
-79.3062

■ 203.2530, 22.5533,
-94.0609

■ 195.7780, 26.2384,
-109.4303

■ 188.3030, 29.9236,
-124.7997

■ 180.8280, 33.6088,
-140.1692

■ 174.5490, 36.7043,
-153.0795

Harmonies

Analogous

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



240.3850, -0.6828, -14.3696



240.3290, 4.2748, -17.8285



241.0240, 6.8902, -16.6840

Triad

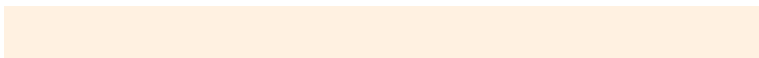
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3290, 4.2748, -17.8285



244.7110, 5.0725, 6.3925



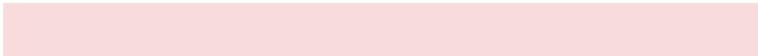
243.3620, -9.0525, 10.2065

Complementary

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



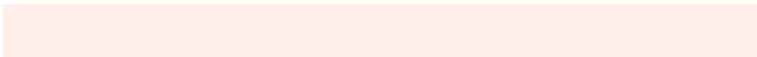
240.3290, 4.2748, -17.8285



228.6710, -4.2748, 17.8285

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.



242.6440, -6.7265, 10.8362



240.3290, 4.2748, -17.8285



243.5220, 1.7147, 10.0662

Square

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



240.3290, 4.2748, -17.8285



243.1830, 5.8258, -1.9145



242.3820, -2.6533, 11.0660



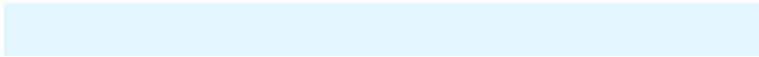
242.1330, -8.4466, 2.5144

Rectangle

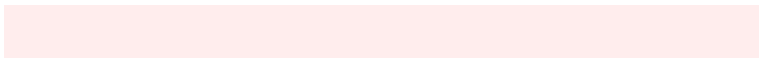
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



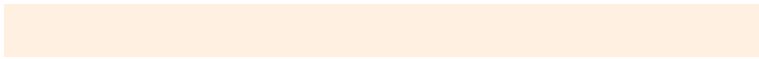
240.3290, 4.2748, -17.8285



241.0460, 6.8793, -13.1953



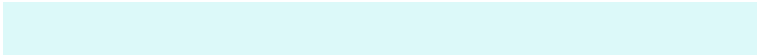
242.3820, -2.6533, 11.0660



242.8890, -8.3263, 10.6213

Sweetspot

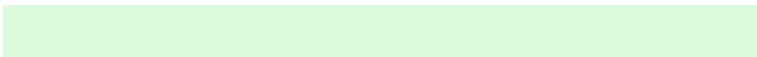
The Sweet Spot groups the original color and five complimentary colors.



240.3290, 4.2748, -17.8285



252.6080, 1.1793, -4.9182



237.0230, -8.3923, -14.9292



126.2060, 0.8844, -3.6887



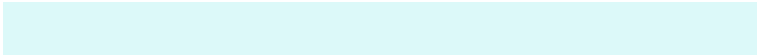
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



240.3290, 4.2748, -17.8285



244.2360, 5.3067, -22.1320



232.1110, 8.3263, -10.6213



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Inverse Universe

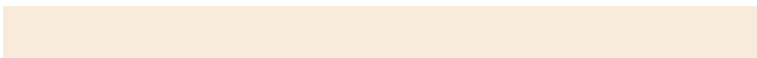
The Inverse Universe completely reimagines the original color for something new.



231.9770, 8.3923, 14.9292



233.8680, 10.4181, 18.5328



237.4760, -8.6157, 10.1065



117.3690, 3.7621, 6.6924



78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 240.3290, 4.2748, -17.8285 looks on a white background.

Color Contrast Check

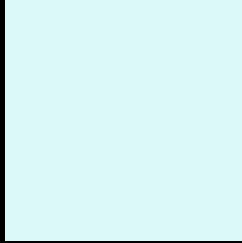
Large Text (above 18pt) WCAG AA × Fail

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 240.3290, 4.2748, -17.8285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

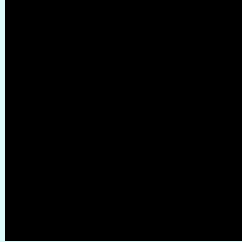
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.3290, 4.2748, -17.8285

Background



This preview shows how black text looks on a background with the YUV color 240.3290, 4.2748, -17.8285.



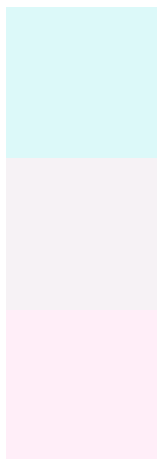
This preview shows how white text looks on a background with the YUV color 240.3290, 4.2748, -17.8285.

-17.8285.

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

240.3290, 4.2748, -17.8285

Protanopia

243.5380, 0.7208, 2.1592

Deuteranopia

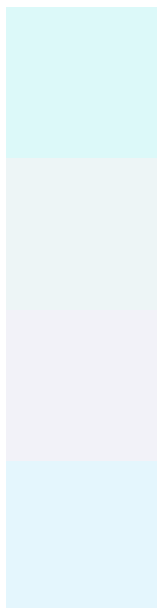
244.2230, 1.8621, 9.4514



Tritanopia

242.5520, 6.1369, -8.3771

Trichromacy



Original Color

240.3290, 4.2748, -17.8285

Protanomaly

242.7220, 1.6161, -5.0182

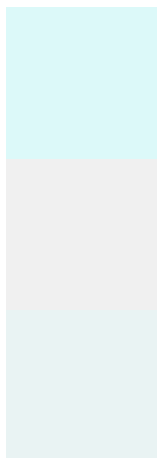
Deuteranomaly

242.6840, 2.6208, -0.5999

Tritanomaly

241.4160, 5.7109, -11.7658

Monochromacy



Original Color

240.3290, 4.2748, -17.8285

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.3290, 4.2748, -17.8285 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(220, 249, 249)` looks like.

```
.text, #text, p{  
    color:rgb(220, 249, 249)  
}
```

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(220, 249, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 249, 249) }
```

Border

The CSS property to change the border of an element to YUV 240.3290, 4.2748, -17.8285 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(220, 249, 249) }
```


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

```
.border{ border-color:rgb(220, 249, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 249, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 249, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 249, 249);  
box-shadow:4px 4px 4px 4px rgb(220, 249,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 240.3290, 4.2748, -17.8285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 249, 249) }
```

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

```
.background{ background-color: rgb(220,  
249, 249) }
```

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