

Converting Colors

YUV(242.1010, 3.4012,
-17.6286)

Have a look what the booklet for
YUV(242.1010, 3.4012, -17.6286)
contains.

YUV(242.1010, 3.4012, -17.6286)	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(242.1010, 3.4012,
-17.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFBF9
RGB	222, 251, 249
RGB Percent	87%, 98%, 98%
CMY	0.1294, 0.0157, 0.0235
CMYK	0.12, 0.00, 0.01, 0.02
HSL	176°, 78%, 93%
HSV	176°, 12%, 98%
XYZ	81.7203, 91.3635, 102.9503
YIQ	242.1010, -16.6420, -6.7700

Conversions

Conversions Part 2

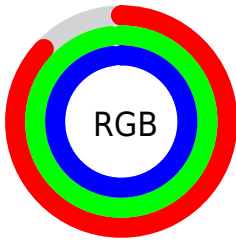
Format	Color
R _Y B	222, 237, 251
Decimal	14613497
CIE Lab	96.56, -9.73, -2.23
CIE LCh	97, 9.978, 192.922
Yxy	91.3635, 0.2961, 0.3310
Android (android.graphics.Color)	4292803577 (0xFFDEFBF9)
YUV	242.1010, 3.4012, -17.6286
Hunter-Lab	95.5843, -14.6629, 3.0499

Details

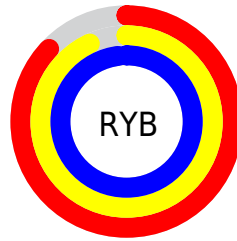
The YUV color $242.1010, 3.4012, -17.6286$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.8990, -3.4012, 17.6286$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.8130, 3.5432, -16.4990$ is the 20% darker color. If you saturate the color by 10%, you get $234.3980, 6.2128, -32.7980$, and if you desaturate by 10%, it is $249.8040, 0.5896, -2.4591$.

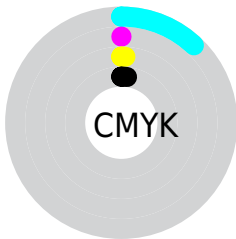
Distribution



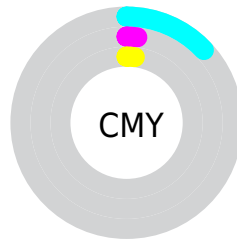
- Red (87%)
- Green (98%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (98%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.1010, 3.4012, -17.6286 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 242.1010, 3.4012, -17.6286 by changing the saturation by 10% instead.

■ 242.1010, 3.4012,
-17.6286

■ 242.1010, 3.4012,
-17.6286

255.0000, 0.0000,
0.0000

■ 213.4000, 3.2538,
-17.0138

■ 185.8130, 3.5432,
-16.4990

■ 158.6990, 3.1064,
-16.3990

■ 132.6990, 3.1064,
-16.3990

■ 107.1120, 3.3958,
-15.8842

■ 83.2970, 2.8116,
-15.1695

■ 59.7100, 3.1010,

-14.6547

■ 37.7100, 3.1010,
-14.6547

■ 17.2970, 2.8116,
-15.1695

■ 242.1010, 3.4012,
-17.6286

■ 242.1010, 3.4012,
-17.6286

■ 234.3980, 6.2128,
-32.7980

■ 249.8040, 0.5896,
-2.4591

■ 226.8090, 9.4612,
-48.0675

■ 252.3100, -0.1528,
2.3591

■ 219.1060, 12.2727,
-63.2370

■ 252.5380, 0.7208,
2.1592

■ 211.4030, 15.0843,
-78.4064

■ 252.6520, 1.1576,
2.0592

■ 203.7000, 17.8959,
-93.5759

■ 195.8120, 21.2917,
-109.4601

■ 188.1090, 24.1033,
-124.6296

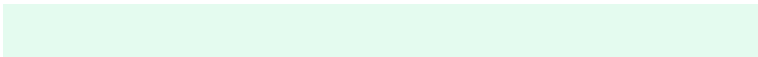
■ 180.4060, 26.9148,
-139.7991

■ 174.0130, 29.5736,
-152.6094

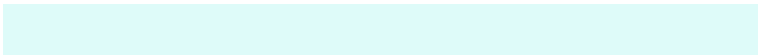
Harmonies

Analogous

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



242.7550, -1.8512, -12.9401



242.1010, 3.4012, -17.6286



242.4970, 6.1640, -17.0989

Triad

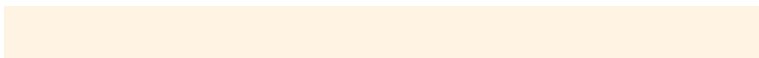
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.1010, 3.4012, -17.6286



245.8850, 4.4937, 5.3629



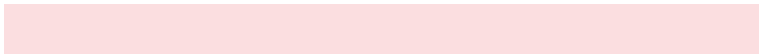
244.7640, -8.7577, 8.9770

Complementary

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



242.1010, 3.4012, -17.6286



230.8990, -3.4012, 17.6286

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.



243.5730, -5.7055, 10.0215



242.1010, 3.4012, -17.6286



245.1520, 2.8831, 8.6367

Square

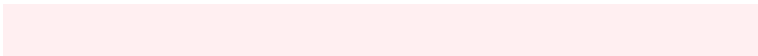
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.1010, 3.4012, -17.6286



244.0580, 5.3944, -3.5589



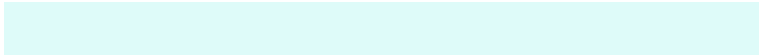
244.0120, -1.4849, 9.6365



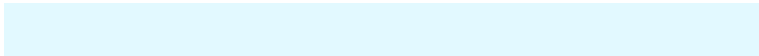
244.6170, -9.1782, 3.8439

Rectangle

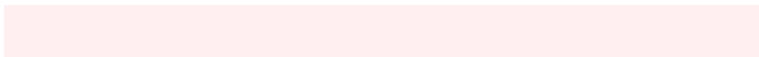
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



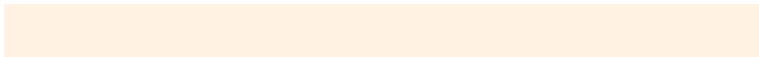
242.1010, 3.4012, -17.6286



242.8070, 6.0111, -14.7397



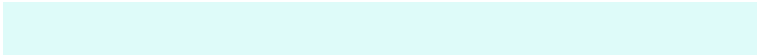
244.0120, -1.4849, 9.6365



244.2910, -8.0315, 9.3918

Sweetspot

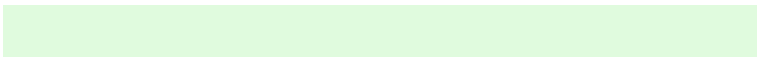
The Sweet Spot groups the original color and five complimentary colors.



242.1010, 3.4012, -17.6286



252.4940, 0.7425, -4.8182



239.6210, -8.6872, -13.6996



126.0920, 0.4476, -3.5887



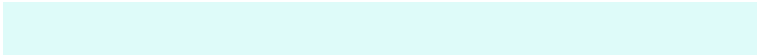
0.0000, 0.0000, 0.0000



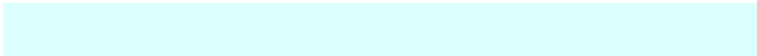
128.0000, 0.0000, 0.0000

Same Dimension

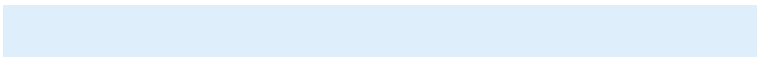
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.1010, 3.4012, -17.6286



244.0080, 4.4331, -21.9320



235.2850, 7.7475, -11.6509



120.9990, 1.4795, -7.8921



131.0070, 22.1815, -114.8931



42.3050, 7.2446, -37.1015

Inverse Universe

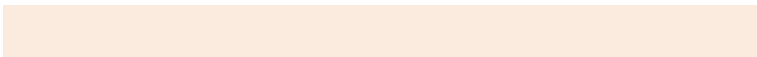
The Inverse Universe completely reimagines the original color for something new.



230.8990, -3.4012, 17.6286



230.1060, -3.9963, 21.8320



237.7150, -7.7475, 11.6509



116.0010, -1.4795, 7.8921



57.9930, -22.1815, 114.8931



18.6950, -7.2446, 37.1015

Previews

White Background



This preview shows how the YUV color 242.1010, 3.4012, -17.6286 looks on a white background.

Color Contrast Check

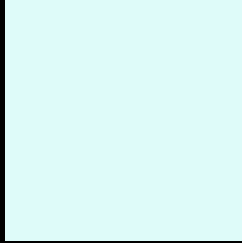
Large Text (above 18pt) WCAG AA × Fail

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 242.1010, 3.4012, -17.6286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

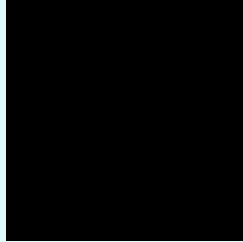
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.1010, 3.4012, -17.6286

Background



This preview shows how black text looks on a background with the YUV color 242.1010, 3.4012, -17.6286.



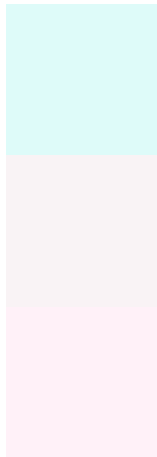
This preview shows how white text looks on a background with the YUV color 242.1010, 3.4012, -17.6286.

-17.6286.

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

242.1010, 3.4012, -17.6286

Protanopia

245.0220, -0.0108, 3.4887

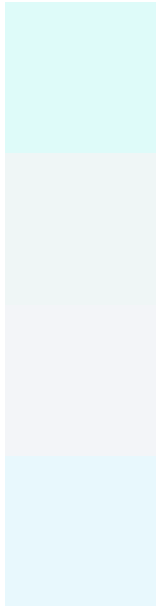
Deuteranopia

245.9840, 0.9939, 7.9070

Tritanopia

244.3350, 5.2578, -6.4328

Trichromacy



Original Color

242.1010, 3.4012, -17.6286

Protanomaly

243.9070, 1.0318, -4.3034

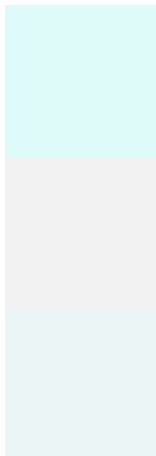
Deuteranomaly

244.7440, 1.6052, -1.5295

Tritanomaly

243.7860, 4.5425, -10.3363

Monochromacy



Original Color

242.1010, 3.4012, -17.6286

Achromatopsia

242.0000, 0.0000, 0.0000

Achromatomaly

242.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.1010, 3.4012, -17.6286 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(222, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(222, 251, 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(222, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 251, 249) }
```

Border

The CSS property to change the border of an element to YUV 242.1010, 3.4012, -17.6286 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(222, 251, 249) }
```


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

```
.border{ border-color:rgb(222, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(222, 251,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 242.1010, 3.4012, -17.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 251, 249) }
```

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

```
.background{ background-color: rgb(222,  
251, 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](#).

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