

Converting Colors

YUV(242.9260, 5.4595,
-24.4911)

Have a look what the booklet for
YUV(242.9260, 5.4595, -24.4911)
contains.

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Color

**YUV(242.9260, 5.4595,
-24.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFFE
RGB	215, 255, 254
RGB Percent	84%, 100%, 100%
CMY	0.1569, 0.0000, 0.0039
CMYK	0.16, 0.00, 0.00, 0.00
HSL	178°, 100%, 92%
HSV	178°, 16%, 100%
XYZ	81.6737, 93.1228, 107.4358
YIQ	242.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

Format	Color
R _Y B	215, 235, 255
Decimal	14155774
CIE Lab	97.28, -12.91, -3.80
CIE LCh	97, 13.459, 196.418
Yxy	93.1228, 0.2894, 0.3300
Android (android.graphics.Color)	4292345854 (0xFFD7FFFE)
YUV	242.9260, 5.4595, -24.4911
Hunter-Lab	96.5002, -17.8003, 1.5413

Details

The YUV color $242.9260, 5.4595, -24.4911$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.0740, -5.4595, 24.4911$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.5240, 5.1647, -23.2615$ is the 20% darker color. If you saturate the color by 10%, you get $235.3370, 8.7079, -39.7605$, and if you desaturate by 10%, it is $250.8140, 2.0637, -8.6069$.

Distribution



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



- Red (84%)
- Yellow (92%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 242.9260, 5.4595, -24.4911 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 242.9260, 5.4595, -24.4911 by changing the saturation by 10% instead.

242.9260, 5.4595,
-24.4911

242.9260, 5.4595,
-24.4911

255.0000, 0.0000,
0.0000

214.2250, 5.3121,
-23.8763

186.5240, 5.1647,
-23.2615

159.5240, 5.1647,
-23.2615

132.9370, 5.4541,
-22.7467

107.8230, 5.0173,
-22.6468

83.1220, 4.8699,
-22.0320

59.5350, 5.1592,

-21.5172

■ 36.6380, 5.6015,
-23.3615

■ 18.9270, 3.9800,
-16.5990

■ 242.9260, 5.4595,
-24.4911

■ 242.9260, 5.4595,
-24.4911

■ 235.3370, 8.7079,
-39.7605

■ 250.8140, 2.0637,
-8.6069

■ 227.5630, 12.5404,
-55.7448

255.0000, 0.0000,
0.0000

■ 219.9740, 15.7888,
-71.0142

■ 212.0860, 19.1846,
-86.8984

■ 204.6110, 22.8698,
-102.2678

■ 196.7230, 26.2656,
-118.1521

■ 188.9490, 30.0981,
-134.1363

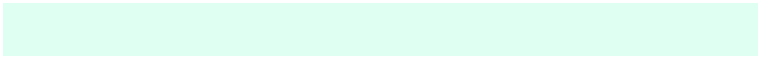
■ 181.3600, 33.3465,
-149.4057

■ 178.0710, 34.9680,
-156.1683

Harmonies

Analogous

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



243.5370, -1.2507, -18.8879



242.9260, 5.4595, -24.4911



242.4640, 6.1802, -22.3319

Triad

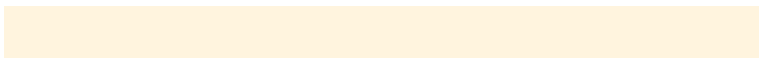
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.9260, 5.4595, -24.4911



247.3690, 3.7621, 6.6924



244.7810, -11.2310, 8.9621

Complementary

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



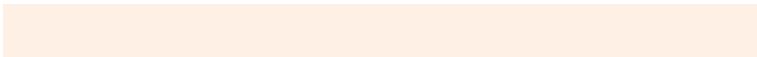
242.9260, 5.4595, -24.4911



227.0740, -5.4595, 24.4911

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.



243.2310, -7.0159, 10.3214



242.9260, 5.4595, -24.4911



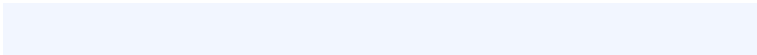
245.4940, 4.1935, 8.3368

Square

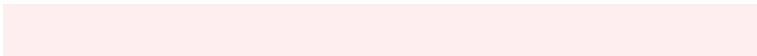
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



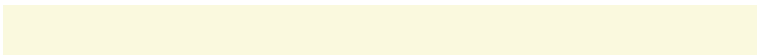
242.9260, 5.4595, -24.4911



245.8300, 4.5208, -3.3589



243.3110, -1.6323, 10.2513



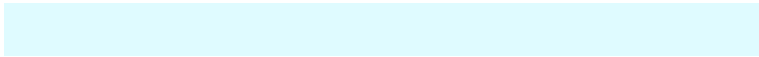
246.2210, -11.9410, 3.3142

Rectangle

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



242.9260, 5.4595, -24.4911



243.0840, 5.8746, -17.6137



243.3110, -1.6323, 10.2513



244.4220, -10.0680, 9.2769

Sweetspot

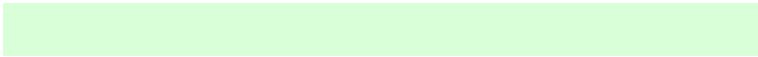
The Sweet Spot groups the original color and five complimentary colors.



242.9260, 5.4595, -24.4911



251.1130, 1.9163, -7.9921



238.7790, -11.7230, -19.9772



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



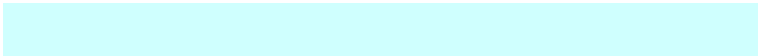
128.0000, 0.0000, 0.0000

Same Dimension

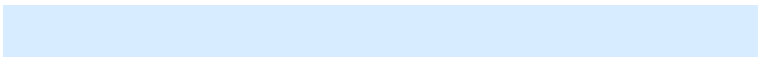
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9260, 5.4595, -24.4911



240.5340, 6.6387, -29.4093



231.8870, 11.3947, -14.8099



123.9990, 1.4795, -7.8921



133.3210, 25.9707, -116.9225



44.6360, 8.5605, -39.1458

Inverse Universe

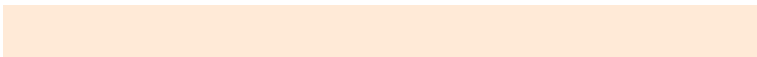
The Inverse Universe completely reimagines the original color for something new.



227.0740, -5.4595, 24.4911



221.4660, -6.6387, 29.4093



238.1130, -11.3947, 14.8099



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 242.9260, 5.4595, -24.4911 looks on a white background.

Color Contrast Check

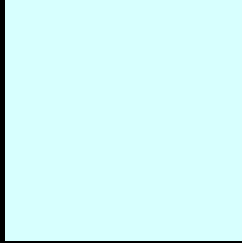
Large Text (above 18pt) WCAG AA × Fail

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 242.9260, 5.4595, -24.4911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

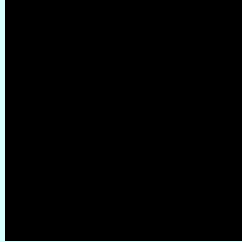
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

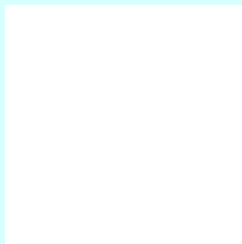
Any Text WCAG AAA ✓ Pass

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

YUV 242.9260, 5.4595, -24.4911 Background



This preview shows how black text looks on a background with the YUV color 242.9260, 5.4595, -24.4911.



This preview shows how white text looks on a background with the YUV color 242.9260, 5.4595, -24.4911.

-24.4911.

Color Blindness Simulation

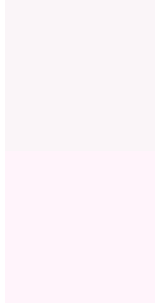
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.9260, 5.4595, -24.4911



Protanopia

246.8370, 0.5734, 2.7740

Deuteranopia

248.0870, 1.4361, 6.0627



Tritanopia

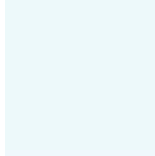
245.8080, 4.5317, -6.8476

Trichromacy



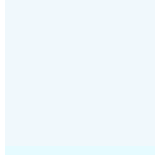
Original Color

242.9260, 5.4595, -24.4911



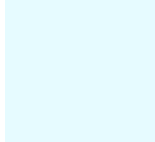
Protanomaly

245.5260, 2.2057, -7.4773



Deuteranomaly

246.0640, 2.9264, -5.3181



Tritanomaly

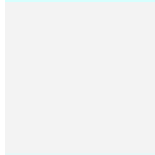
245.1770, 4.8427, -13.3102

Monochromacy



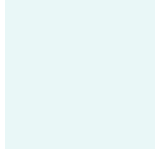
Original Color

242.9260, 5.4595, -24.4911



Achromatopsia

243.0000, 0.0000, 0.0000



Achromatomaly

242.8140, 2.0637, -8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.9260, 5.4595, -24.4911 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(215, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 254)  
}
```

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(215, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 254) }
```

Border

The CSS property to change the border of an element to YUV 242.9260, 5.4595, -24.4911 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(215, 255, 254) }
```


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

```
.border{ border-color:rgb(215, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 242.9260, 5.4595, -24.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 254) }
```

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

```
.background{ background-color: rgb(215,  
255, 254) }
```

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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