

Converting Colors

YUV(242.6270, 5.6069,
-25.1059)

Have a look what the booklet for
YUV(242.6270, 5.6069, -25.1059)
contains.

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Color

**YUV(242.6270, 5.6069,
-25.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FFFE
RGB	214, 255, 254
RGB Percent	84%, 100%, 100%
CMY	0.1608, 0.0000, 0.0039
CMYK	0.16, 0.00, 0.00, 0.00
HSL	179°, 100%, 92%
HSV	179°, 16%, 100%
XYZ	81.3809, 92.9719, 107.4221
YIQ	242.6270, -24.1150, -9.0030

Conversions

Conversions Part 2

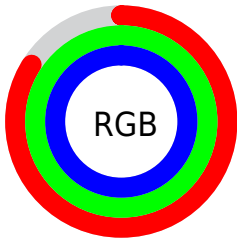
Format	Color
R_{YB}	214, 235, 255
Decimal	14090238
CIE _{Lab}	97.22, -13.21, -3.90
CIE _{LCh}	97, 13.778, 196.447
Yxy	92.9719, 0.2888, 0.3300
Android (android.graphics.Color)	4292280318 (0xFFD6FFFE)
YUV	242.6270, 5.6069, -25.1059
Hunter-Lab	96.4219, -18.0828, 1.4414

Details

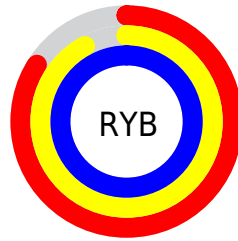
The YUV color $242.6270, 5.6069, -25.1059$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.3730, -5.6069, 25.1059$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.2250, 5.3121, -23.8763$ is the 20% darker color. If you saturate the color by 10%, you get $235.0380, 8.8553, -40.3753$, and if you desaturate by 10%, it is $250.5150, 2.2111, -9.2217$.

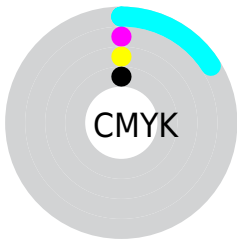
Distribution



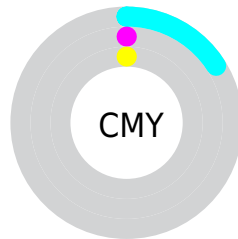
- Red (84%)
- Green (100%)
- Blue (100%)



- 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 242.6270, 5.6069, -25.1059 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 242.6270, 5.6069, -25.1059 by changing the saturation by 10% instead.

242.6270, 5.6069,
-25.1059

242.6270, 5.6069,
-25.1059

255.0000, 0.0000,
0.0000

213.9260, 5.4595,
-24.4911

186.2250, 5.3121,
-23.8763

159.2250, 5.3121,
-23.8763

132.6380, 5.6015,
-23.3615

107.5240, 5.1647,
-23.2615

82.8230, 5.0173,
-22.6468

58.9370, 5.4541,

-22.7467

■ 36.0400, 5.8963,
-24.5911

■ 18.9270, 3.9800,
-16.5990

■ 242.6270, 5.6069,
-25.1059

■ 242.6270, 5.6069,
-25.1059

■ 235.0380, 8.8553,
-40.3753

■ 250.5150, 2.2111,
-9.2217

■ 227.2640, 12.6878,
-56.3595

255.0000, 0.0000,
0.0000

■ 219.6750, 15.9362,
-71.6290

■ 211.9010, 19.7688,
-87.6132

■ 204.3120, 23.0172,
-102.8826

■ 196.4240, 26.4130,
-118.7668

■ 188.6500, 30.2455,
-134.7510

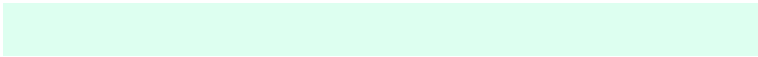
■ 181.0610, 33.4939,
-150.0205

■ 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.



243.1240, -1.5401, -19.4027



242.6270, 5.6069, -25.1059



242.1650, 6.3277, -22.9467

Triad

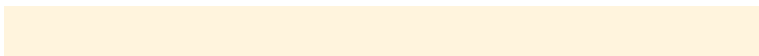
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.6270, 5.6069, -25.1059



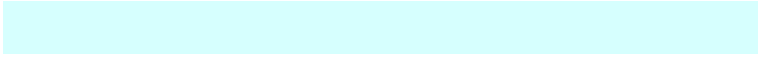
246.7820, 4.0515, 7.2072



244.6670, -11.6678, 9.0620

Complementary

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



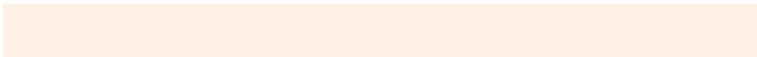
242.6270, 5.6069, -25.1059



226.3730, -5.6069, 25.1059

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.



243.1170, -7.4527, 10.4214



242.6270, 5.6069, -25.1059



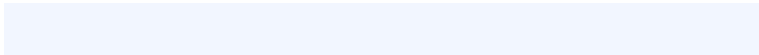
245.4940, 4.1935, 8.3368

Square

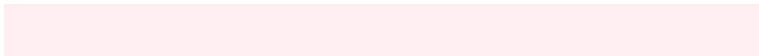
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



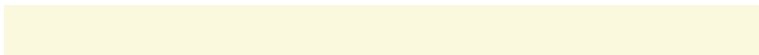
242.6270, 5.6069, -25.1059



245.8300, 4.5208, -3.3589



243.3110, -1.6323, 10.2513



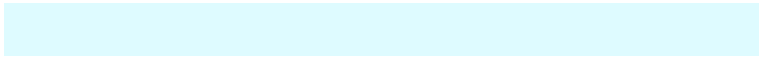
245.5200, -12.0884, 3.9290

Rectangle

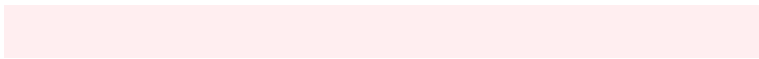
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



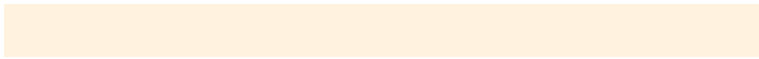
242.6270, 5.6069, -25.1059



242.7850, 6.0220, -18.2284



243.3110, -1.6323, 10.2513



244.3080, -10.5048, 9.3769

Sweetspot

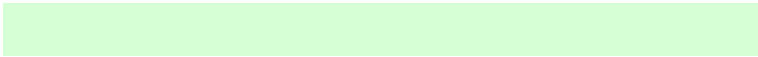
The Sweet Spot groups the original color and five complimentary colors.



242.6270, 5.6069, -25.1059



251.1130, 1.9163, -7.9921



238.3660, -12.0124, -20.4920



125.4940, 0.7425, -4.8182



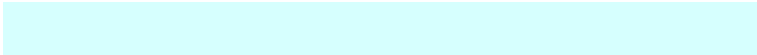
0.0000, 0.0000, 0.0000



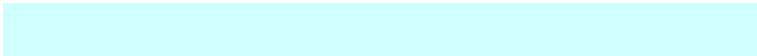
128.0000, 0.0000, 0.0000

Same Dimension

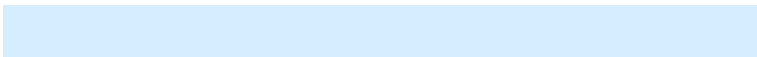
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6270, 5.6069, -25.1059



240.5340, 6.6387, -29.4093



231.5880, 11.5421, -15.4247



123.9990, 1.4795, -7.8921



133.4350, 26.4075, -117.0225



44.6360, 8.5605, -39.1458

Inverse Universe

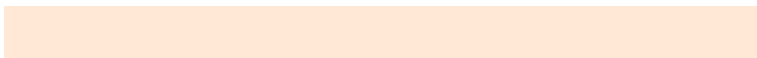
The Inverse Universe completely reimagines the original color for something new.



226.3730, -5.6069, 25.1059



221.4660, -6.6387, 29.4093



237.4120, -11.5421, 15.4247



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 242.6270, 5.6069, -25.1059 looks on a white background.

Color Contrast Check

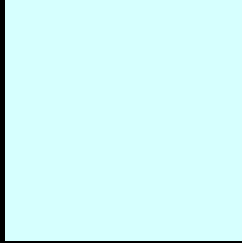
Large Text (above 18pt) WCAG AA × Fail

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 242.6270, 5.6069, -25.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

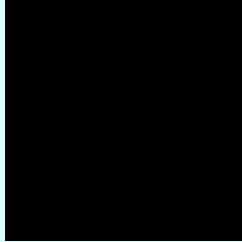
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 242.6270, 5.6069, -25.1059

Background



This preview shows how black text looks on a background with the YUV color 242.6270, 5.6069, -25.1059.



This preview shows how white text looks on a background with the YUV color 242.6270, 5.6069, -25.1059.

-25.1059.

Color Blindness Simulation

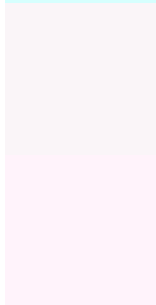
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.6270, 5.6069, -25.1059



Protanopia

246.8370, 0.5734, 2.7740

Deuteranopia

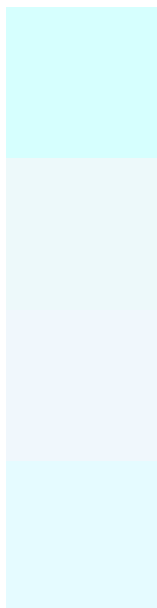
247.5000, 1.7255, 6.5775



Tritanopia

245.8080, 4.5317, -6.8476

Trichromacy



Original Color

242.6270, 5.6069, -25.1059

Protanomaly

245.5260, 2.2057, -7.4773

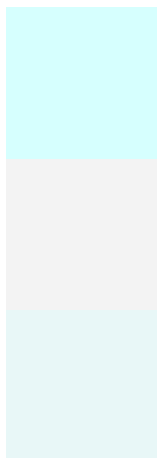
Deuteranomaly

245.4770, 3.2158, -4.8033

Tritanomaly

244.8780, 4.9901, -13.9250

Monochromacy



Original Color

242.6270, 5.6069, -25.1059

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.5150, 2.2111, -9.2217

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6270, 5.6069, -25.1059 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(214, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 254) }
```

Border

The CSS property to change the border of an element to YUV 242.6270, 5.6069, -25.1059 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(214, 255, 254) }
```


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

```
.border{ border-color:rgb(214, 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(214, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 242.6270, 5.6069, -25.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 254) }
```

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

```
.background{ background-color: rgb(214,  
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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