

Converting Colors

YUV(241.5670, 6.6225,
-24.1763)

Have a look what the booklet for
YUV(241.5670, 6.6225, -24.1763)
contains.

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Color

**YUV(241.5670, 6.6225,
-24.1763)**

Conversions

Conversions Part 1

Format	Color
Hex	D6FDFF
RGB	214, 253, 255
RGB Percent	84%, 99%, 100%
CMY	0.1608, 0.0078, 0.0000
CMYK	0.16, 0.01, 0.00, 0.00
HSL	183°, 100%, 92%
HSV	183°, 16%, 100%
XYZ	80.9068, 91.7667, 108.0562
YIQ	241.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

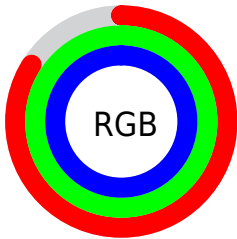
Format	Color
R_{YB}	214, 234, 255
Decimal	14089727
CIE _{Lab}	96.72, -12.02, -5.14
CIE _{LCh}	97, 13.073, 203.149
Yxy	91.7667, 0.2882, 0.3269
Android (android.graphics.Color)	4292279807 (0xFFD6FDFF)
YUV	241.5670, 6.6225, -24.1763
Hunter-Lab	95.7949, -16.8830, 0.1776

Details

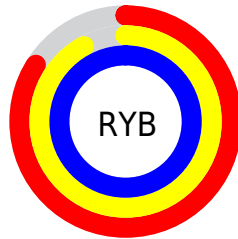
The YUV color $241.5670, 6.6225, -24.1763$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.4330, -6.6225, 24.1763$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.1650, 6.3277, -22.9467$ is the 20% darker color. If you saturate the color by 10%, you get $233.5050, 10.5970, -39.0309$, and if you desaturate by 10%, it is $249.9280, 2.5005, -8.7069$.

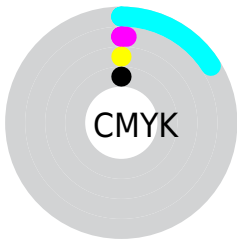
Distribution



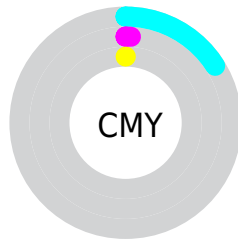
- Red (84%)
- Green (99%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.5670, 6.6225, -24.1763 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 241.5670, 6.6225, -24.1763 by changing the saturation by 10% instead.

■ 241.5670, 6.6225,
-24.1763

■ 241.5670, 6.6225,
-24.1763

255.0000, 0.0000,
0.0000

■ 212.8660, 6.4751,
-23.5615

■ 185.1650, 6.3277,
-22.9467

■ 158.1650, 6.3277,
-22.9467

■ 132.1650, 6.3277,
-22.9467

■ 106.4640, 6.1802,
-22.3319

■ 81.7630, 6.0328,
-21.7172

■ 58.7630, 6.0328,

-21.7172

■ 35.1650, 6.3277,
-22.9467

■ 18.3400, 4.2694,
-16.0842

■ 241.5670, 6.6225,
-24.1763

■ 241.5670, 6.6225,
-24.1763

■ 233.5050, 10.5970,
-39.0309

■ 249.9280, 2.5005,
-8.7069

■ 225.1440, 14.7190,
-54.5003

255.0000, 0.0000,
0.0000

■ 216.4950, 18.9830,
-68.8401

■ 208.1340, 23.1049,
-84.3095

■ 200.0720, 27.0795,
-99.1641

■ 191.7110, 31.2015,
-114.6335

■ 182.7630, 35.6128,
-129.5882

■ 174.7010, 39.5874,
-144.4428

■ 171.7110, 41.0615,
-150.5905

Harmonies

Analogous

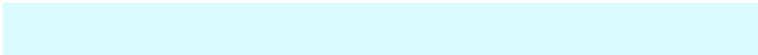
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5800, 0.2071, -19.8027



241.5670, 6.6225, -24.1763



241.5890, 6.6116, -20.6876

Triad

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



241.5670, 6.6225, -24.1763



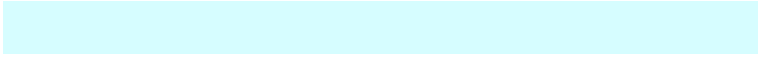
245.6080, 4.6303, 8.2368



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.



241.5670, 6.6225, -24.1763



227.4330, -6.6225, 24.1763

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.



242.8890, -8.3263, 10.6213



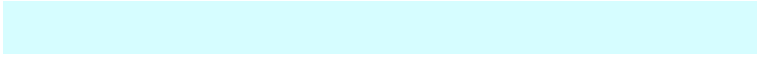
241.5670, 6.6225, -24.1763



243.7500, 2.5883, 9.8663

Square

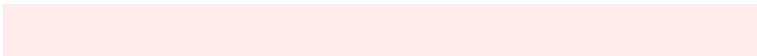
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



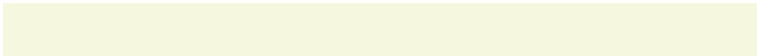
241.5670, 6.6225, -24.1763



244.9660, 4.9468, 0.0298



242.2680, -3.0901, 11.1660



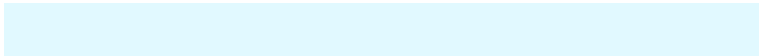
244.1390, -10.9145, 0.7551

Rectangle

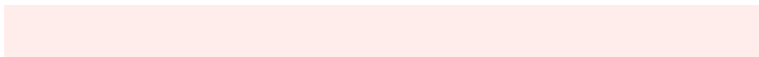
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



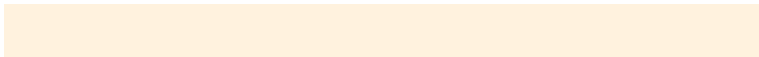
241.5670, 6.6225, -24.1763



242.5080, 6.1586, -15.3545



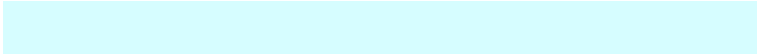
242.2680, -3.0901, 11.1660



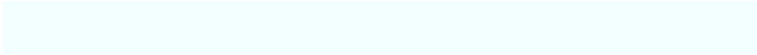
243.6070, -10.6523, 9.9917

Sweetspot

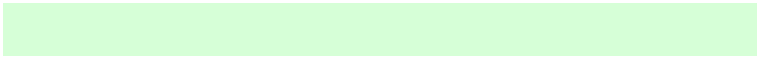
The Sweet Spot groups the original color and five complimentary colors.



241.5670, 6.6225, -24.1763



250.5260, 2.2057, -7.4773



238.1810, -11.4282, -21.2067



125.0210, 1.4686, -4.4034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

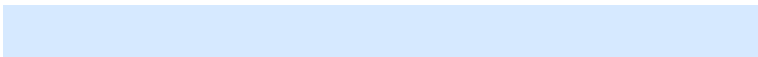
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.5670, 6.6225, -24.1763



239.4740, 7.6543, -28.4797



229.8270, 12.4103, -13.8803



123.5260, 2.2057, -7.4773



128.6080, 30.7593, -112.7892



43.1030, 10.3022, -37.8013

Inverse Universe

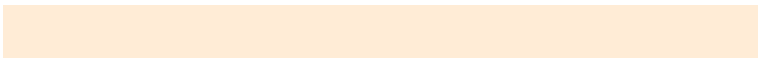
The Inverse Universe completely reimagines the original color for something new.



230.7050, 10.9914, 21.3067



226.5960, 13.0172, 24.9103



239.1730, -12.4103, 13.8803



120.2550, 3.3253, 6.7924



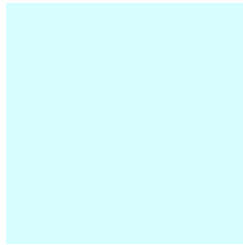
77.8570, 51.3425, 99.2264



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 241.5670, 6.6225, -24.1763 looks on a white background.

Color Contrast Check

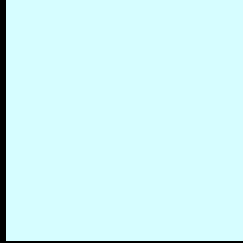
Large Text (above 18pt) WCAG AA × Fail

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 241.5670, 6.6225, -24.1763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

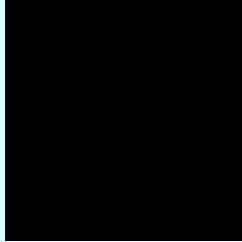
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

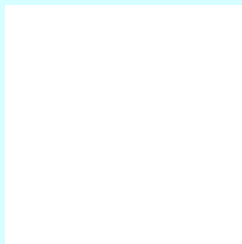
Any Text WCAG AAA ✓ Pass

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

YUV 241.5670, 6.6225, -24.1763 Background



This preview shows how black text looks on a background with the YUV color 241.5670, 6.6225, -24.1763.



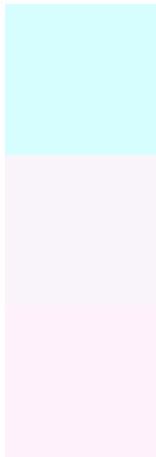
This preview shows how white text looks on a background with the YUV color 241.5670, 6.6225, -24.1763.

-24.1763.

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

241.5670, 6.6225, -24.1763

Protanopia

245.8800, 2.0312, 1.8592

Deuteranopia

246.4400, 2.7411, 7.5071



Tritanopia

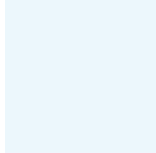
244.3240, 5.2633, -8.1771

Trichromacy



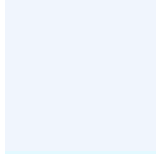
Original Color

241.5670, 6.6225, -24.1763



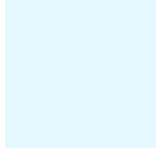
Protanomaly

244.2810, 3.8055, -7.2624



Deuteranomaly

244.4170, 4.2314, -3.8737



Tritanomaly

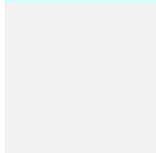
243.1060, 5.8637, -14.1250

Monochromacy



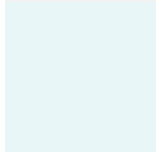
Original Color

241.5670, 6.6225, -24.1763



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

241.9280, 2.5005, -8.7069

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.5670, 6.6225, -24.1763 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 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(214, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 255) }
```

Border

The CSS property to change the border of an element to YUV 241.5670, 6.6225, -24.1763 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, 253, 255) }
```


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

```
.border{ border-color:rgb(214, 253, 255) }
```

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

Here you see how a box with a 4 pixel rgb(214, 253, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 241.5670, 6.6225, -24.1763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 255) }
```

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

```
.background{ background-color: rgb(214,  
253, 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](#).

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