

Converting Colors

YUV(241.0020, 6.9010,
-20.1728)

Have a look what the booklet for
YUV(241.0020, 6.9010, -20.1728)
contains.

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Color

**YUV(241.0020, 6.9010,
-20.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFAFF
RGB	218, 250, 255
RGB Percent	85%, 98%, 100%
CMY	0.1451, 0.0196, 0.0000
CMYK	0.15, 0.02, 0.00, 0.00
HSL	188°, 100%, 93%
HSV	188°, 15%, 100%
XYZ	81.1490, 90.4966, 107.7983
YIQ	241.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

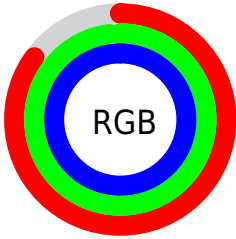
Format	Color
R _Y B	218, 235, 255
Decimal	14351103
CIE Lab	96.20, -9.30, -5.88
CIE LCh	96, 11.000, 212.320
Yxy	90.4966, 0.2904, 0.3238
Android (android.graphics.Color)	4292541183 (0xFFDAFAFF)
YUV	241.0020, 6.9010, -20.1728
Hunter-Lab	95.1297, -14.2101, -0.5950

Details

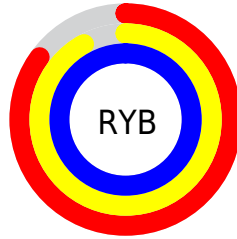
The YUV color $241.0020, 6.9010, -20.1728$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.9980, -6.9010, 20.1728$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $185.1870, 6.3168, -19.4580$ is the 20% darker color. If you saturate the color by 10%, you get $231.7660, 11.4544, -33.9978$, and if you desaturate by 10%, it is $250.2380, 2.3477, -6.3477$.

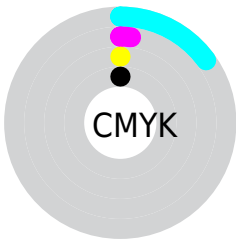
Distribution



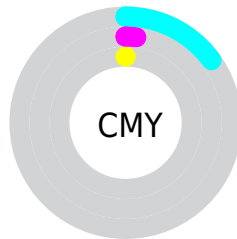
- Red (85%)
- Green (98%)
- Blue (100%)



- Red (85%)
- Yellow (92%)
- Blue (100%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.0020, 6.9010, -20.1728 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 241.0020, 6.9010, -20.1728 by changing the saturation by 10% instead.

241.0020, 6.9010,
-20.1728

241.0020, 6.9010,
-20.1728

255.0000, 0.0000,
0.0000

212.3010, 6.7536,
-19.5580

185.1870, 6.3168,
-19.4580

157.6000, 6.6062,
-18.9432

131.6000, 6.6062,
-18.9432

105.8990, 6.4588,
-18.3284

82.0840, 5.8746,
-17.6137

58.1980, 6.3114,

-17.7136

■ 35.7850, 6.0220,
-18.2284

■ 17.1660, 4.8482,
-15.0546

■ 241.0020, 6.9010,
-20.1728

■ 241.0020, 6.9010,
-20.1728

■ 231.7660, 11.4544,
-33.9978

■ 250.2380, 2.3477,
-6.3477

■ 221.6440, 16.4445,
-47.9228

255.0000, 0.0000,
0.0000

■ 212.4080, 20.9979,
-61.7478

■ 202.2860, 25.9880,
-75.6728

■ 192.7510, 30.6888,
-90.1126

■ 182.9280, 35.5315,
-103.4229

■ 173.3930, 40.2323,
-117.8627

■ 163.5700, 45.0750,
-131.1729

■ 158.7970, 47.4281,
-139.2650

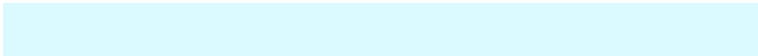
Harmonies

Analogous

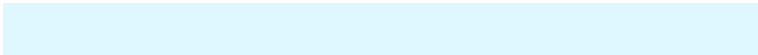
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9330, 1.5120, -18.3582



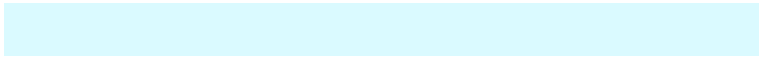
241.0020, 6.9010, -20.1728



241.3230, 6.7428, -16.0693

Triad

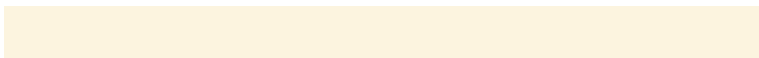
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.0020, 6.9010, -20.1728



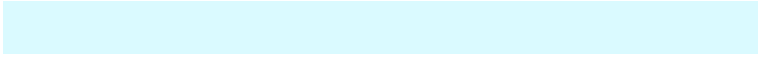
244.9070, 4.4828, 8.8516



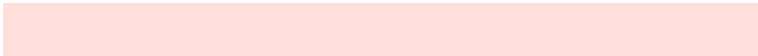
243.9980, -10.3520, 7.0178

Complementary

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



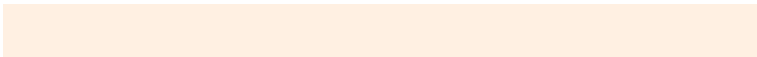
241.0020, 6.9010, -20.1728



231.9980, -6.9010, 20.1728

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



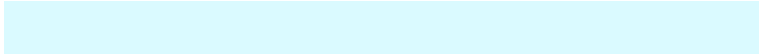
241.0020, 6.9010, -20.1728



243.1800, 0.4043, 10.3661

Square

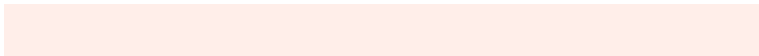
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.0020, 6.9010, -20.1728



244.3900, 5.2307, 2.2890



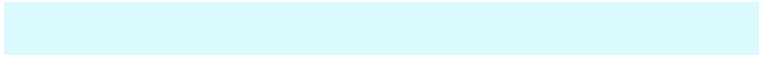
242.5130, -4.6899, 10.9511



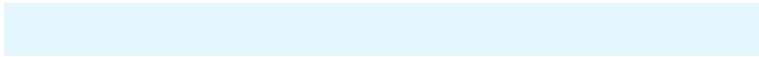
242.5130, -8.1409, -2.2039

Rectangle

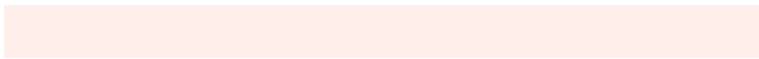
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



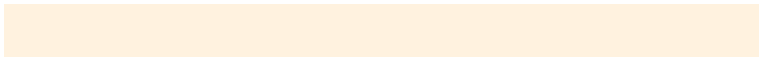
241.0020, 6.9010, -20.1728



242.2420, 6.2897, -10.7362



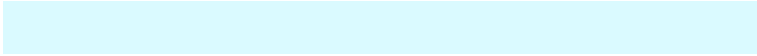
242.5130, -4.6899, 10.9511



243.7210, -10.2155, 9.8917

Sweetspot

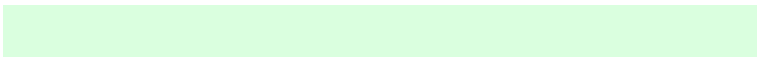
The Sweet Spot groups the original color and five complimentary colors.



241.0020, 6.9010, -20.1728



251.4230, 1.7635, -5.6330



240.2890, -8.5235, -19.5475



125.3200, 1.3212, -3.7886



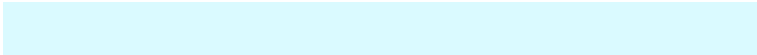
0.0000, 0.0000, 0.0000



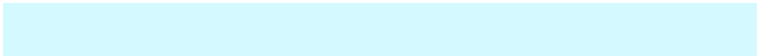
128.0000, 0.0000, 0.0000

Same Dimension

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



241.0020, 6.9010, -20.1728



238.6210, 8.0748, -23.3466



230.4360, 12.1101, -10.9064



122.9390, 2.4951, -6.9625



118.6290, 35.6789, -104.0376



39.5810, 12.0386, -34.7125

Inverse Universe

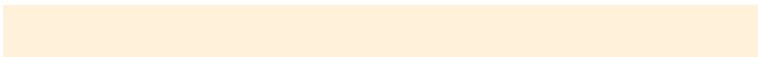
The Inverse Universe completely reimagines the original color for something new.



232.7110, 8.5235, 19.5475



229.0750, 9.8230, 22.7362



242.5640, -12.1101, 10.9064



120.1410, 2.8885, 6.8923



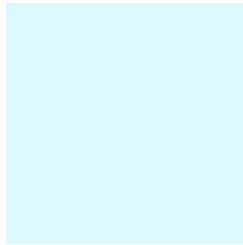
75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469

Previews

White Background



This preview shows how the YUV color 241.0020, 6.9010, -20.1728 looks on a white background.

Color Contrast Check

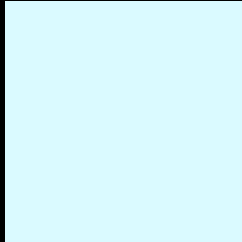
Large Text (above 18pt) WCAG AA × Fail

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 241.0020, 6.9010, -20.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

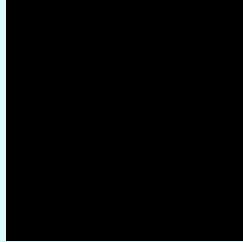
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 241.0020, 6.9010, -20.1728

Background



This preview shows how black text looks on a background with the YUV color 241.0020, 6.9010, -20.1728.



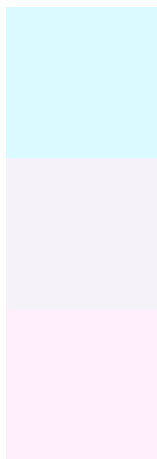
This preview shows how white text looks on a background with the YUV color 241.0020, 6.9010, -20.1728.

-20.1728.

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

241.0020, 6.9010, -20.1728

Protanopia

244.1080, 2.9048, 1.6593

Deuteranopia

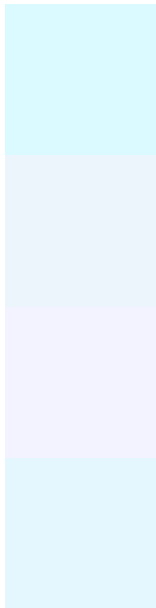
245.3800, 3.7567, 8.4367



Tritanopia

243.1390, 5.8475, -8.8919

Trichromacy



Original Color

241.0020, 6.9010, -20.1728

Protanomaly

243.1070, 4.3842, -6.2328

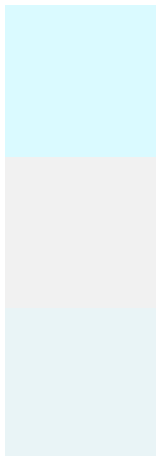
Deuteranomaly

243.9550, 4.9522, -1.7145

Tritanomaly

242.2310, 6.2951, -12.4806

Monochromacy



Original Color

241.0020, 6.9010, -20.1728

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9390, 2.4951, -6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.0020, 6.9010, -20.1728 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(218, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 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(218, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 255) }
```

Border

The CSS property to change the border of an element to YUV 241.0020, 6.9010, -20.1728 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(218, 250, 255) }
```


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

```
.border{ border-color:rgb(218, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 241.0020, 6.9010, -20.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 255) }
```

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

```
.background{ background-color: rgb(218,  
250, 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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