

Converting Colors

YUV(240.5890, 6.6116,
-20.6876)

Have a look what the booklet for
YUV(240.5890, 6.6116, -20.6876)
contains.

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Color

**YUV(240.5890, 6.6116,
-20.6876)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FAFE
RGB	217, 250, 254
RGB Percent	85%, 98%, 100%
CMY	0.1490, 0.0196, 0.0039
CMYK	0.15, 0.02, 0.00, 0.00
HSL	186°, 95%, 92%
HSV	186°, 15%, 100%
XYZ	80.6903, 90.2787, 106.9386
YIQ	240.5890, -20.9520, -5.7520

Conversions

Conversions Part 2

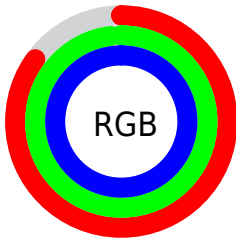
Format	Color
R _Y B	217, 234, 254
Decimal	14285566
CIE Lab	96.11, -9.80, -5.51
CIE LCh	96, 11.243, 209.318
Yxy	90.2787, 0.2903, 0.3249
Android (android.graphics.Color)	4292475646 (0xFFD9FAFE)
YUV	240.5890, 6.6116, -20.6876
Hunter-Lab	95.0151, -14.6877, -0.2198

Details

The YUV color $240.5890, 6.6116, -20.6876$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.4110, -6.6116, 20.6876$, 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 $184.7740, 6.0274, -19.9728$ is the 20% darker color. If you saturate the color by 10%, you get $231.3530, 11.1650, -34.5126$, and if you desaturate by 10%, it is $249.8250, 2.0583, -6.8625$.

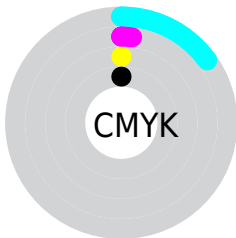
Distribution



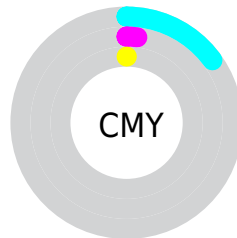
- Red (85%)
- Green (98%)
- Blue (100%)



- 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 240.5890, 6.6116, -20.6876 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 240.5890, 6.6116, -20.6876 by changing the saturation by 10% instead.

■ 240.5890, 6.6116,
-20.6876

■ 240.5890, 6.6116,
-20.6876

255.0000, 0.0000,
0.0000

■ 211.8880, 6.4642,
-20.0728

■ 184.7740, 6.0274,
-19.9728

■ 157.1870, 6.3168,
-19.4580

■ 131.1870, 6.3168,
-19.4580

■ 105.7850, 6.0220,
-18.2284

■ 81.6710, 5.5852,
-18.1285

■ 57.7850, 6.0220,

-18.2284

■ 35.4860, 6.1694,
-18.8432

■ 17.1660, 4.8482,
-15.0546

■ 240.5890, 6.6116,
-20.6876

■ 240.5890, 6.6116,
-20.6876

■ 231.3530, 11.1650,
-34.5126

■ 249.8250, 2.0583,
-6.8625

■ 222.4050, 15.5763,
-49.4672

254.8860, -0.4368,
0.1000

■ 213.1690, 20.1297,
-63.2922

■ 203.6340, 24.8304,
-77.7320

■ 194.3980, 29.3838,
-91.5570

■ 185.7490, 33.6477,
-105.8969

■ 176.2140, 38.3485,
-120.3367

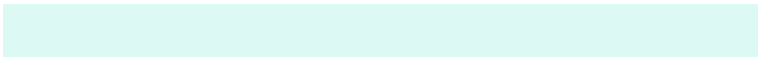
■ 166.9780, 42.9018,
-134.1617

■ 162.2050, 45.2549,
-142.2538

Harmonies

Analogous

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



240.2320, 1.3646, -17.7435



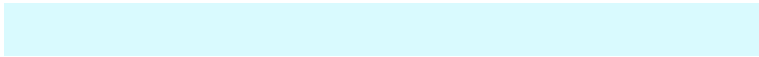
240.5890, 6.6116, -20.6876



241.0240, 6.8902, -16.6840

Triad

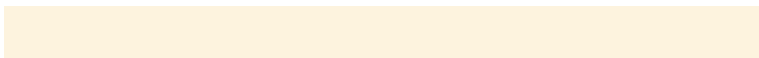
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.5890, 6.6116, -20.6876



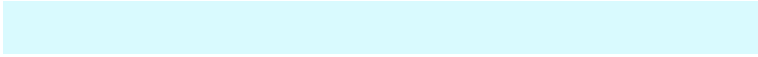
245.0210, 4.9196, 8.7516



243.5960, -10.6468, 8.2473

Complementary

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



240.5890, 6.6116, -20.6876



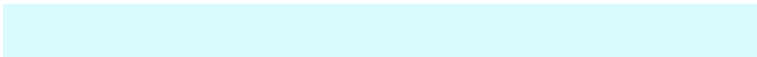
230.4110, -6.6116, 20.6876

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.



242.1880, -8.4737, 11.2361



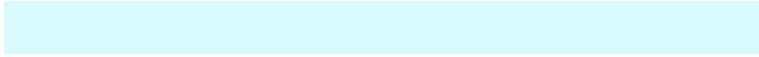
240.5890, 6.6116, -20.6876



243.1800, 0.4043, 10.3661

Square

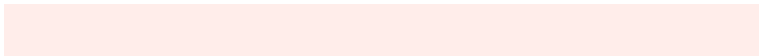
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.5890, 6.6116, -20.6876



244.0910, 5.3781, 1.6742



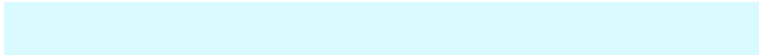
242.0400, -3.9637, 11.3659



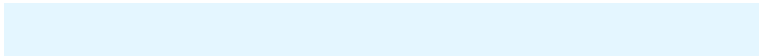
242.1110, -8.4357, -0.9743

Rectangle

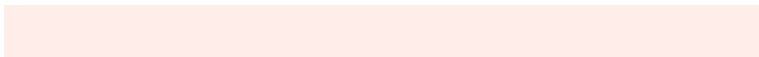
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.5890, 6.6116, -20.6876



241.6440, 6.5845, -11.9658



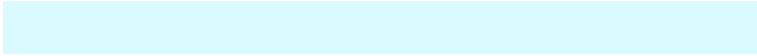
242.0400, -3.9637, 11.3659



243.7210, -10.2155, 9.8917

Sweetspot

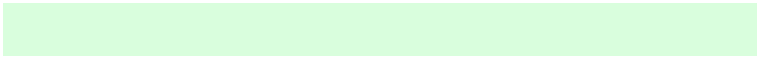
The Sweet Spot groups the original color and five complimentary colors.



240.5890, 6.6116, -20.6876



251.4230, 1.7635, -5.6330



239.1750, -8.9603, -19.4475



125.3200, 1.3212, -3.7886



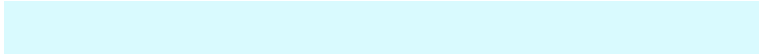
0.0000, 0.0000, 0.0000



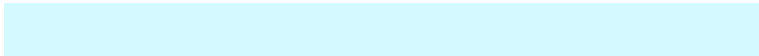
128.0000, 0.0000, 0.0000

Same Dimension

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



240.5890, 6.6116, -20.6876



239.2080, 7.7855, -23.8614



230.0230, 11.8207, -11.4212



122.9390, 2.4951, -6.9625



122.1510, 33.9426, -107.1264



40.7550, 11.4598, -35.7421

Inverse Universe

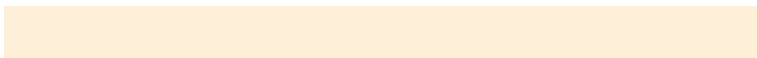
The Inverse Universe completely reimagines the original color for something new.



231.8250, 8.9603, 19.4475



229.1890, 10.2598, 22.6362



240.9770, -11.8207, 11.4212



120.1410, 2.8885, 6.8923



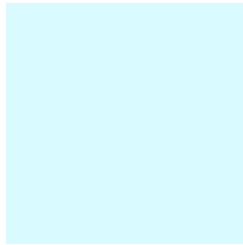
76.6030, 46.5377, 100.3262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 240.5890, 6.6116, -20.6876 looks on a white background.

Color Contrast Check

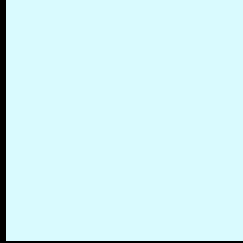
Large Text (above 18pt) WCAG AA × Fail

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 240.5890, 6.6116, -20.6876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

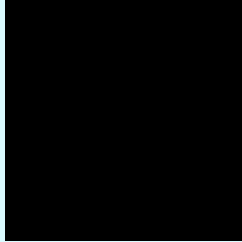
Any Text WCAG AA ✓ Pass

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 240.5890, 6.6116, -20.6876 Background



This preview shows how black text looks on a background with the YUV color 240.5890, 6.6116, -20.6876.



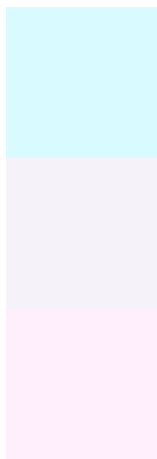
This preview shows how white text looks on a background with the YUV color 240.5890, 6.6116, -20.6876.

-20.6876.

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

240.5890, 6.6116, -20.6876

Protanopia

243.9940, 2.4680, 1.7593

Deuteranopia

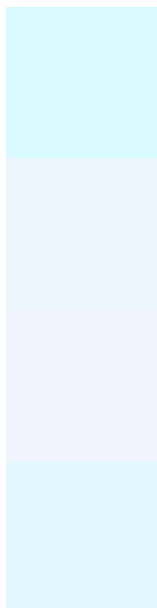
245.2660, 3.3199, 8.5367



Tritanopia

243.1390, 5.8475, -8.8919

Trichromacy



Original Color

240.5890, 6.6116, -20.6876

Protanomaly

242.6940, 4.0949, -6.7476

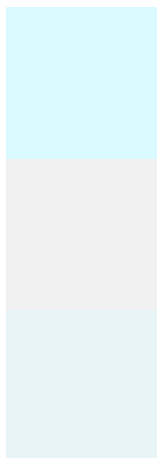
Deuteranomaly

243.5420, 4.6628, -2.2293

Tritanomaly

241.9320, 6.4425, -13.0954

Monochromacy



Original Color

240.5890, 6.6116, -20.6876

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.6400, 2.6425, -7.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.5890, 6.6116, -20.6876 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(217, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 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(217, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 254) }
```

Border

The CSS property to change the border of an element to YUV 240.5890, 6.6116, -20.6876 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(217, 250, 254) }
```


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

```
.border{ border-color:rgb(217, 250, 254) }
```

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

Here you see how a box with a 4 pixel rgb(217, 250, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 240.5890, 6.6116, -20.6876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 254) }
```

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

```
.background{ background-color: rgb(217,  
250, 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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