

Converting Colors

YUV(241.6400, -0.8085,
-20.7323)

Have a look what the booklet for
YUV(241.6400, -0.8085, -20.7323)
contains.

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Color

**YUV(241.6400, -0.8085,
-20.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFEF0
RGB	218, 254, 240
RGB Percent	85%, 100%, 94%
CMY	0.1451, 0.0039, 0.0588
CMYK	0.14, 0.00, 0.06, 0.00
HSL	157°, 95%, 93%
HSV	157°, 14%, 100%
XYZ	80.0834, 92.0803, 95.9905
YIQ	241.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

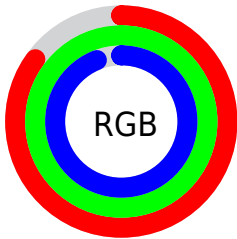
Format	Color
R _Y B	218, 240, 254
Decimal	14352112
CIE Lab	96.85, -14.19, 2.80
CIE LCh	97, 14.461, 168.827
Yxy	92.0803, 0.2986, 0.3434
Android (android.graphics.Color)	4292542192 (0xFFDAFEF0)
YUV	241.6400, -0.8085, -20.7323
Hunter-Lab	95.9585, -18.9578, 7.8612

Details

The YUV color $241.6400, -0.8085, -20.7323$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.3600, 0.8085, 20.7323$, 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 $185.3520, -0.6665, -19.6027$ is the 20% darker color. If you saturate the color by 10%, you get $233.0250, -1.4913, -35.1019$, and if you desaturate by 10%, it is $250.2550, -0.1257, -6.3626$.

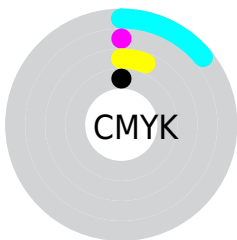
Distribution



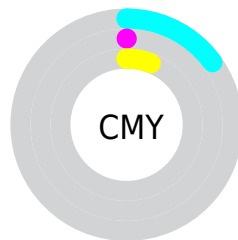
- Red (85%)
- Green (100%)
- Blue (94%)



- Red (85%)
- Yellow (94%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 241.6400, -0.8085, -20.7323 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 241.6400, -0.8085, -20.7323 by changing the saturation by 10% instead.

241.6400, -0.8085,
-20.7323

241.6400, -0.8085,
-20.7323

255.0000, 0.0000,
0.0000

213.0530, -0.5191,
-20.2175

185.3520, -0.6665,
-19.6027

158.3520, -0.6665,
-19.6027

132.0640, -0.5246,
-18.4731

107.0640, -0.5246,
-18.4731

82.4770, -0.2352,
-17.9583

58.8900, 0.0542,

-17.4435

■ 36.8900, 0.0542,
-17.4435

■ 17.6730, -0.8248,
-15.4992

■ 241.6400, -0.8085,
-20.7323

■ 241.6400, -0.8085,
-20.7323

■ 233.0250, -1.4913,
-35.1019

■ 250.2550, -0.1257,
-6.3626

■ 224.1110, -2.0267,
-50.0863

254.4130, 0.2894,
0.5148

■ 215.4960, -2.7095,
-64.4560

■ 206.5820, -3.2449,
-79.4404

■ 198.0810, -3.4909,
-93.9100

■ 189.4660, -4.1737,
-108.2797

■ 180.5520, -4.7091,
-123.2641

■ 171.9370, -5.3919,
-137.6337

■ 166.7680, -5.8016,
-146.2555

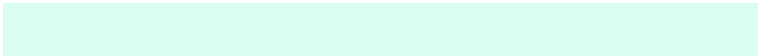
Harmonies

Analogous

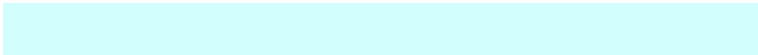
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.1700, -7.9718, -9.7961



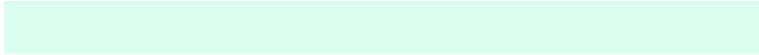
241.6400, -0.8085, -20.7323



241.1430, 6.3385, -26.4354

Triad

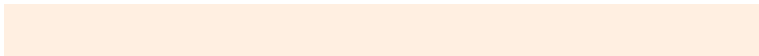
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.6400, -0.8085, -20.7323



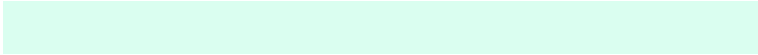
244.6560, 5.0996, -2.3293



242.1880, -8.4737, 11.2361

Complementary

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



241.6400, -0.8085, -20.7323



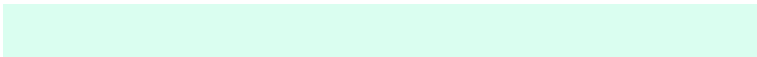
230.3600, 0.8085, 20.7323

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.



242.3820, -2.6533, 11.0660



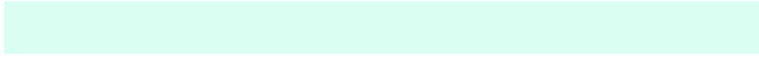
241.6400, -0.8085, -20.7323



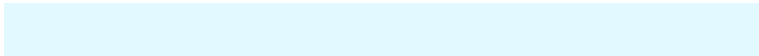
246.1950, 4.3409, 7.7220

Square

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



241.6400, -0.8085, -20.7323



242.5080, 6.1586, -15.3545



244.0920, 3.8986, 9.5663



243.8520, -12.2520, 9.7768

Rectangle

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



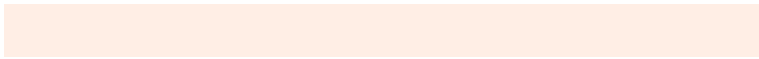
241.6400, -0.8085, -20.7323



240.9690, 6.9173, -25.4058



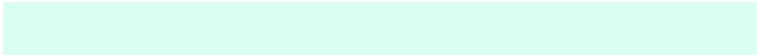
244.0920, 3.8986, 9.5663



242.0570, -6.4371, 11.3510

Sweetspot

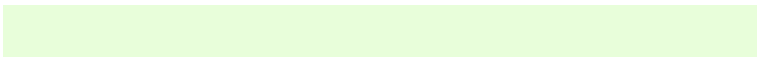
The Sweet Spot groups the original color and five complimentary colors.



241.6400, -0.8085, -20.7323



251.5540, -0.2731, -5.7479



243.3180, -12.4818, -9.9259



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



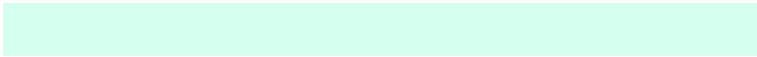
128.0000, 0.0000, 0.0000

Same Dimension

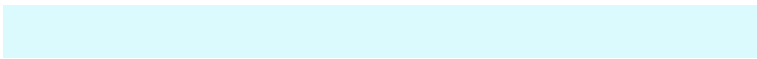
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6400, -0.8085, -20.7323



240.2050, -1.0871, -24.7358



240.8880, 6.4642, -20.0728



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

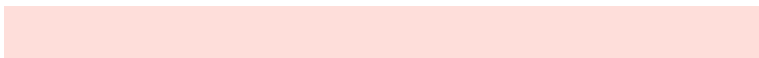
The Inverse Universe completely reimagines the original color for something new.



230.3600, 0.8085, 20.7323



226.7950, 1.0871, 24.7358



231.1120, -6.4642, 20.0728



119.4570, 0.2677, 7.4922



65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 241.6400, -0.8085, -20.7323 looks on a white background.

Color Contrast Check

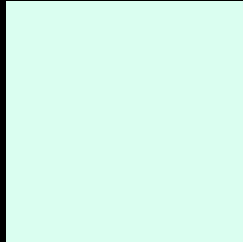
Large Text (above 18pt) WCAG AA × Fail

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 241.6400, -0.8085, -20.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

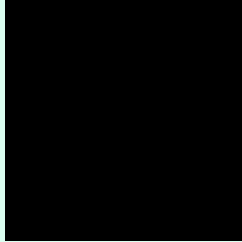
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

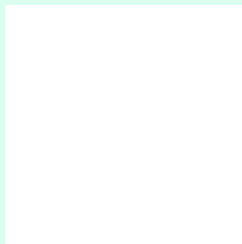
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 241.6400, -0.8085, -20.7323

Background



This preview shows how black text looks on a background with the YUV color 241.6400, -0.8085, -20.7323.



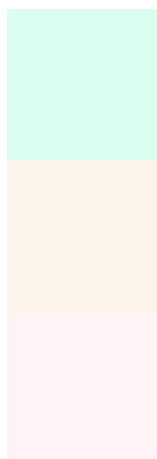
This preview shows how white text looks on a background with the YUV color 241.6400, -0.8085, -20.7323.

-20.7323.

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

241.6400, -0.8085, -20.7323

Protanopia

245.3660, -5.1104, 5.8180

Deuteranopia

246.8160, -0.8953, 7.1774

Tritanopia

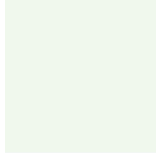
244.9220, 4.9685, -6.9476

Trichromacy



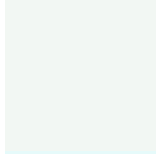
Original Color

241.6400, -0.8085, -20.7323



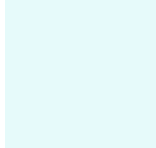
Protanomaly

244.3540, -3.6255, -3.8185



Deuteranomaly

245.0490, -1.0102, -2.6740



Tritanomaly

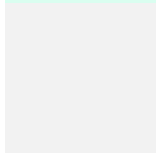
244.0200, 2.9481, -12.2955

Monochromacy



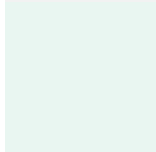
Original Color

241.6400, -0.8085, -20.7323



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

241.5430, -0.2677, -7.4922

CSS Examples

Text

The CSS property to change the color of the text to YUV 241.6400, -0.8085, -20.7323 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, 254, 240)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 240)  
}
```

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, 254, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 240) }
```

Border

The CSS property to change the border of an element to YUV 241.6400, -0.8085, -20.7323 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, 254, 240) }
```


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

```
.border{ border-color:rgb(218, 254, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 254, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 240);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 241.6400, -0.8085, -20.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 240) }
```

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

```
.background{ background-color: rgb(218,  
254, 240) }
```

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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