

Converting Colors

YUV(240.1020, -14.8403,
-0.0895)

Have a look what the booklet for
YUV(240.1020, -14.8403, -0.0895)
contains.

YUV(240.1020, -14.8403, -0.0895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(240.1020, -14.8403,
-0.0895)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F6D2
RGB	240, 246, 210
RGB Percent	94%, 96%, 82%
CMY	0.0588, 0.0353, 0.1765
CMYK	0.02, 0.00, 0.15, 0.04
HSL	70°, 67%, 89%
HSV	70°, 15%, 96%
XYZ	80.5238, 89.0899, 73.9248
YIQ	240.1020, 7.9800, -12.4680

Conversions

Conversions Part 2

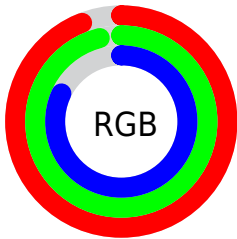
Format	Color
R _Y B	210, 246, 216
Decimal	15791826
CIE Lab	95.62, -8.00, 16.66
CIE LCh	96, 18.484, 115.642
Yxy	89.0899, 0.3306, 0.3658
Android (android.graphics.Color)	4293981906 (0xFFFF0F6D2)
YUV	240.1020, -14.8403, -0.0895
Hunter-Lab	94.3875, -12.8962, 19.6350

Details

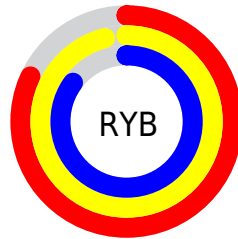
The YUV color $240.1020, -14.8403, -0.0895$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $215.8980, 14.8403, 0.0895$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.2160, -14.4035, -0.1894$ is the 20% darker color. If you saturate the color by 10%, you get $236.0560, -25.1706, -0.0491$, and if you desaturate by 10%, it is $244.1480, -4.5100, -0.1298$.

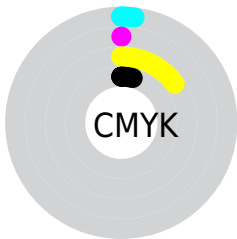
Distribution



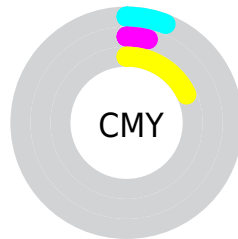
- Red (94%)
- Green (96%)
- Blue (82%)



- Red (82%)
- Yellow (96%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.1020, -14.8403, -0.0895 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 240.1020, -14.8403, -0.0895 by changing the saturation by 10% instead.

■ 240.1020,
-14.8403, -0.0895

■ 240.1020,
-14.8403, -0.0895

255.0000, 0.0000,
0.0000

■ 212.1020,
-14.8403, -0.0895

■ 184.2160,
-14.4035, -0.1894

■ 157.3300,
-13.9667, -0.2894

■ 130.8570,
-13.2405, 0.1254

■ 105.6720,
-12.6563, -0.5893

■ 81.7860, -12.2195,
-0.6893

■ 58.3130, -11.4933,

-0.2745

■ 37.0140, -11.3459,
-0.8893

■ 16.2030, -7.9881,
-4.5630

■ 240.1020,
-14.8403, -0.0895

■ 240.1020,
-14.8403, -0.0895

■ 236.0560,
-25.1706, -0.0491

■ 244.1480, -4.5100,
-0.1298

■ 232.1240,
-35.0641, -0.1087

■ 247.6240, 3.6364,
0.3298

■ 228.0780,
-45.3945, -0.0684

■ 248.8200, 3.0467,
2.7889

■ 224.1460,
-55.2880, -0.1280

■ 249.7170, 2.6045,
4.6332

■ 219.8010,
-65.4709, -0.7025

■ 215.7550,
-75.8012, -0.6621

■ 211.8230,
-85.6947, -0.7218

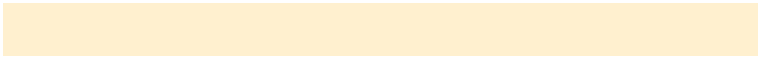
■ 207.7770,
-96.0251, -0.6814

■ 205.6970,
-101.4086, -0.6113

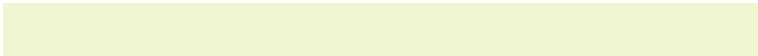
Harmonies

Analogous

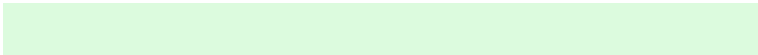
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7230, -16.6254, 12.5209



240.1020, -14.8403, -0.0895



238.4250, -8.0975, -16.1587

Triad

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



240.1020, -14.8403, -0.0895



236.2180, 9.2595, -30.0092



239.2990, 3.3036, 13.7698

Complementary

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



240.1020, -14.8403, -0.0895



215.8980, 14.8403, 0.0895

Split Complementary

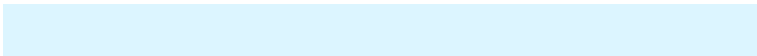
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.0860, 6.3666, 11.3256



240.1020, -14.8403, -0.0895



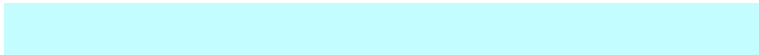
238.6650, 8.0532, -16.3692

Square

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



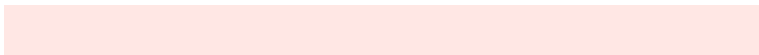
240.1020, -14.8403, -0.0895



236.1850, 9.2758, -35.2422



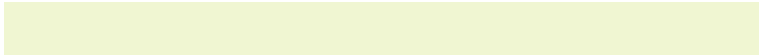
242.0200, 6.3991, 0.8595



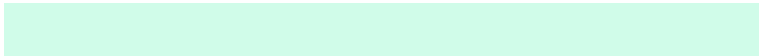
237.8340, -4.8482, 15.0546

Rectangle

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



240.1020, -14.8403, -0.0895



236.6780, -1.8133, -25.1506



242.0200, 6.3991, 0.8595



240.5700, 5.6350, 12.6551

Sweetspot

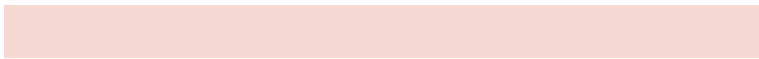
The Sweet Spot groups the original color and five complimentary colors.



240.1020, -14.8403, -0.0895



253.2620, -4.0732, -0.2298



224.2860, -7.0430, 19.0432



126.6040, -2.7628, -0.5297



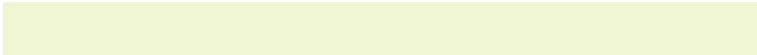
0.0000, 0.0000, 0.0000



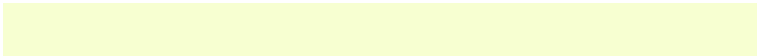
128.0000, 0.0000, 0.0000

Same Dimension

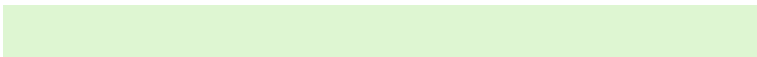
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.1020, -14.8403, -0.0895



247.3640, -18.9135, -0.3192



234.7200, -12.1870, -11.1554



120.0340, -4.9468, -0.0298



155.5270, -76.6748, -0.4622



49.2840, -24.2970, -0.2491

Inverse Universe

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



215.8980, 14.8403, 0.0895



216.6360, 18.9135, 0.3192



221.2800, 12.1870, 11.1554



111.9660, 4.9468, 0.0298



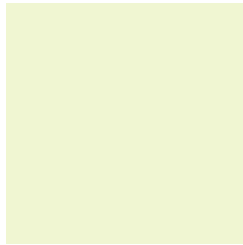
30.4730, 76.6748, 0.4622



9.7160, 24.2970, 0.2491

Previews

White Background



This preview shows how the YUV color 240.1020, -14.8403, -0.0895 looks on a white background.

Color Contrast Check

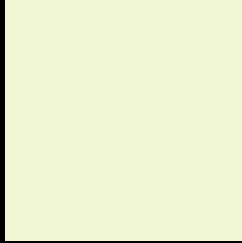
Large Text (above 18pt) WCAG AA × Fail

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 240.1020, -14.8403, -0.0895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

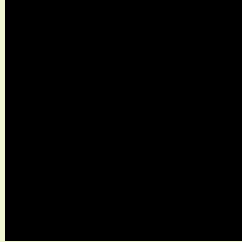
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

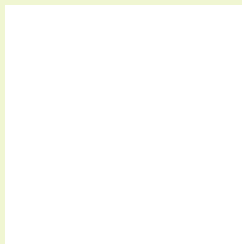
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.1020, -14.8403, -0.0895

Background



This preview shows how black text looks on a background with the YUV color 240.1020, -14.8403, -0.0895.



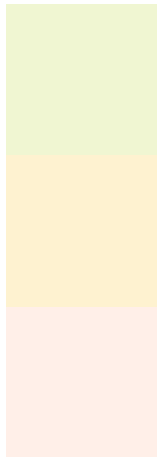
This preview shows how white text looks on a background with the YUV color 240.1020, -14.8403, -0.0895.

-0.0895.

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

240.1020, -14.8403, -0.0895

Protanopia

241.7120, -16.6200, 10.7766

Deuteranopia

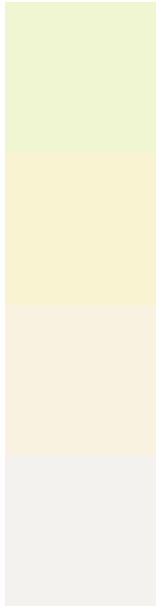
242.9860, -5.4161, 10.5363



Tritanopia

243.5040, 5.6675, 2.1890

Trichromacy



Original Color

240.1020, -14.8403, -0.0895

Protanomaly

240.9180, -15.7356, 7.0879

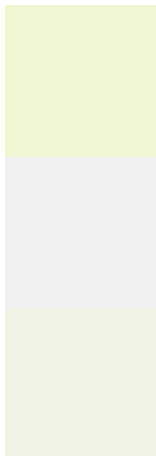
Deuteranomaly

242.3400, -9.0416, 6.7178

Tritanomaly

242.2560, -1.6052, 1.5295

Monochromacy



Original Color

240.1020, -14.8403, -0.0895

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.9200, -5.3836, 0.0702

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.1020, -14.8403, -0.0895 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(240, 246, 210)` looks like.

```
.text, #text, p{  
    color:rgb(240, 246, 210)  
}
```

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(240, 246, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 246, 210) }
```

Border

The CSS property to change the border of an element to YUV 240.1020, -14.8403, -0.0895 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(240, 246, 210) }
```


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

```
.border{ border-color:rgb(240, 246, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 246, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 246, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 246, 210);  
box-shadow:4px 4px 4px 4px rgb(240, 246,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 240.1020, -14.8403, -0.0895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 246, 210) }
```

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

```
.background{ background-color: rgb(240,  
246, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor