

Converting Colors

YUV(239.7450, -20.0873,
2.8546)

Have a look what the booklet for
YUV(239.7450, -20.0873, 2.8546)
contains.

YUV(239.7450, -20.0873, 2.8546)	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(239.7450, -20.0873,
2.8546)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F6C7
RGB	243, 246, 199
RGB Percent	95%, 96%, 78%
CMY	0.0471, 0.0353, 0.2196
CMYK	0.01, 0.00, 0.19, 0.04
HSL	64°, 72%, 87%
HSV	64°, 19%, 96%
XYZ	80.2267, 89.0897, 67.0005
YIQ	239.7450, 13.2990, -15.2530

Conversions

Conversions Part 2

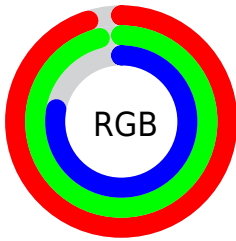
Format	Color
R _Y B	199, 246, 202
Decimal	15988423
CIE Lab	95.62, -8.58, 22.33
CIE LCh	96, 23.924, 111.018
Yxy	89.0897, 0.3395, 0.3770
Android (android.graphics.Color)	4294178503 (0xFFFF3F6C7)
YUV	239.7450, -20.0873, 2.8546
Hunter-Lab	94.3874, -13.4577, 23.9844

Details

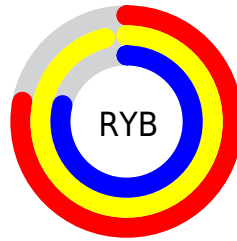
The YUV color $239.7450, -20.0873, 2.8546$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $205.2550, 20.0873, -2.8546$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.9730, -19.2137, 2.6547$ is the 20% darker color. If you saturate the color by 10%, you get $236.2970, -30.7124, 4.1245$, and if you desaturate by 10%, it is $243.1930, -9.4621, 1.5847$.

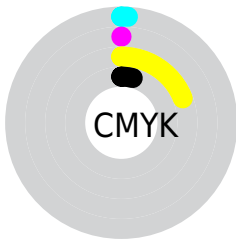
Distribution



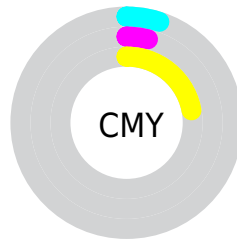
- Red (95%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.7450, -20.0873, 2.8546 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 239.7450, -20.0873, 2.8546 by changing the saturation by 10% instead.

■ 239.7450,
-20.0873, 2.8546

■ 239.7450,
-20.0873, 2.8546

255.0000, 0.0000,
0.0000

■ 211.5600,
-19.5031, 2.1399

■ 183.9730,
-19.2137, 2.6547

■ 156.7880,
-18.6295, 1.9399

■ 130.3150,
-17.9033, 2.3547

■ 105.1300,
-17.3191, 1.6400

■ 81.2440, -16.8823,
1.5400

■ 58.1730, -15.8613,

0.7253

■ 35.7170, -17.6085,
1.1252

■ 15.6050, -7.6933,
-5.7926

■ 239.7450,
-20.0873, 2.8546

■ 239.7450,
-20.0873, 2.8546

■ 236.2970,
-30.7124, 4.1245

■ 243.1930, -9.4621,
1.5847

■ 233.2620,
-41.0482, 5.9092

■ 246.2280, 0.8736,
-0.2000

■ 229.8140,
-51.6733, 7.1791

■ 247.6240, 3.6364,
0.3298

■ 226.7790,
-62.0090, 8.9638

■ 247.9230, 3.4890,
0.9445

■ 223.3310,
-72.6342, 10.2337

■ 248.5210, 3.1941,
2.1741

■ 220.1820,
-83.4067, 12.1184

■ 248.8200, 3.0467,
2.7889

■ 216.8480,
-93.5951, 13.2883

■ 249.4180, 2.7519,
4.0184

■ 213.4000,
-104.2202, 14.5582

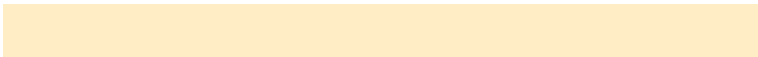
■ 249.7170, 2.6045,
4.6332

■ 213.1720,
-105.0938, 14.7582

Harmonies

Analogous

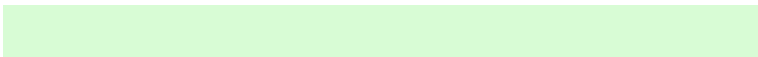
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.4090, -20.4146, 14.5503



239.7450, -20.0873, 2.8546



236.7900, -11.7285, -18.2328

Triad

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



239.7450, -20.0873, 2.8546



232.8960, 10.8973, -42.0048



237.9940, 5.9190, 14.9143

Complementary

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



239.7450, -20.0873, 2.8546



205.2550, 20.0873, -2.8546

Split Complementary

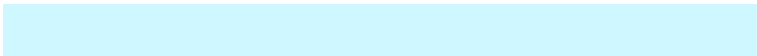
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.9120, 6.9454, 12.3552



239.7450, -20.0873, 2.8546



235.9520, 9.3907, -25.3909

Square

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



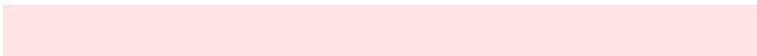
239.7450, -20.0873, 2.8546



232.5750, 11.0555, -46.1083



240.5250, 7.1362, -2.2144



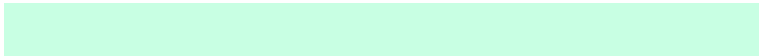
235.3720, -4.1274, 17.2138

Rectangle

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



239.7450, -20.0873, 2.8546



235.3630, -4.1230, -31.0134



240.5250, 7.1362, -2.2144



239.1510, 7.8136, 13.8996

Sweetspot

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



239.7450, -20.0873, 2.8546



252.9910, -6.4046, 0.8849



214.2270, -7.5069, 27.8649



126.6750, -3.7838, 0.2850



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

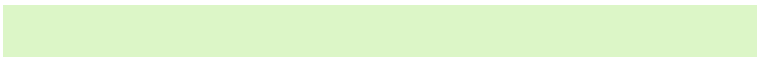
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7450, -20.0873, 2.8546



247.0780, -25.1815, 3.4396



232.8680, -16.6969, -11.2852



120.6320, -5.2416, 1.1997



161.2080, -79.4755, 11.2186



51.0780, -25.1815, 3.4396

Inverse Universe

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



205.2550, 20.0873, -2.8546



203.9220, 25.1815, -3.4396



212.1320, 16.6969, 11.2852



111.6670, 5.0942, -0.5850



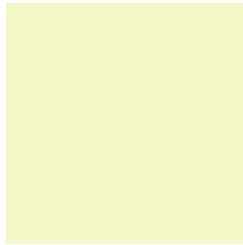
24.7920, 79.4755, -11.2186



7.9220, 25.1815, -3.4396

Previews

White Background



This preview shows how the YUV color 239.7450, -20.0873, 2.8546 looks on a white background.

Color Contrast Check

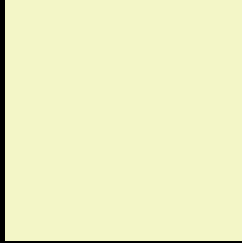
Large Text (above 18pt) WCAG AA × Fail

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 239.7450, -20.0873, 2.8546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

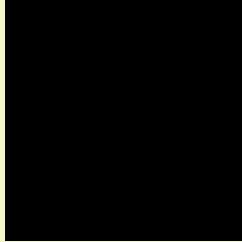
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

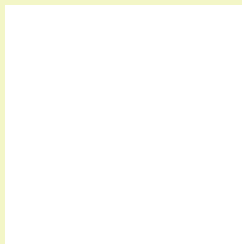
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.7450, -20.0873, 2.8546

Background



This preview shows how black text looks on a background with the YUV color 239.7450, -20.0873, 2.8546.



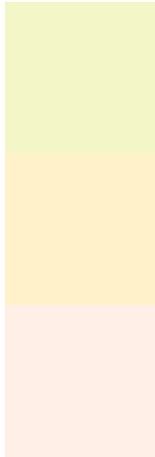
This preview shows how white text looks on a background with the YUV color 239.7450, -20.0873,

2.8546.

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

239.7450, -20.0873, 2.8546

Protanopia

241.4410, -18.9514, 11.8912

Deuteranopia

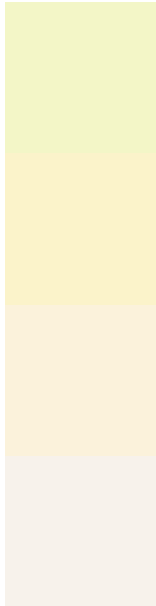
242.7580, -6.2897, 10.7362



Tritanopia

244.1130, 5.3673, 5.1629

Trichromacy



Original Color

239.7450, -20.0873, 2.8546

Protanomaly

240.7180, -19.0880, 9.0173

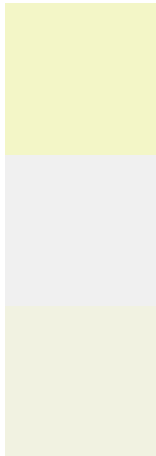
Deuteranomaly

242.0690, -11.3730, 7.8325

Tritanomaly

242.6970, -3.7946, 3.7737

Monochromacy



Original Color

239.7450, -20.0873, 2.8546

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

239.7630, -7.2782, 1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.7450, -20.0873, 2.8546 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(243, 246, 199)` looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 199)  
}
```

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(243, 246, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 199) }
```

Border

The CSS property to change the border of an element to YUV 239.7450, -20.0873, 2.8546 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(243, 246, 199) }
```


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

```
.border{ border-color:rgb(243, 246, 199) }
```

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

Here you see how a box with a 4 pixel rgb(243, 246, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 199);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 239.7450, -20.0873, 2.8546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 199) }
```

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

```
.background{ background-color: rgb(243,  
246, 199) }
```

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