

Converting Colors

YUV(240.9920, -7.8841, 8.7770)

Have a look what the booklet for
YUV(240.9920, -7.8841, 8.7770)
contains.

YUV(240.9920, -7.8841, 8.7770)	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(240.9920, -7.8841,
8.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEFE1
RGB	251, 239, 225
RGB Percent	98%, 94%, 88%
CMY	0.0157, 0.0627, 0.1176
CMYK	0.00, 0.05, 0.10, 0.02
HSL	32°, 76%, 93%
HSV	32°, 10%, 98%
XYZ	84.2408, 87.6785, 83.7178
YIQ	240.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

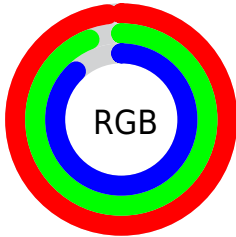
Format	Color
R_{YB}	247, 251, 225
Decimal	16510945
CIE Lab	95.03, 1.73, 8.20
CIE LCh	95, 8.379, 78.111
Yxy	87.6785, 0.3295, 0.3430
Android (android.graphics.Color)	4294701025 (0xFFFFBEFE1)
YUV	240.9920, -7.8841, 8.7770
Hunter-Lab	93.6368, -3.2760, 12.5363

Details

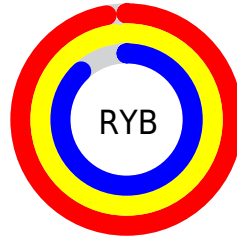
The YUV color $240.9920, -7.8841, 8.7770$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.0080, 7.8841, -8.7770$, and the grayscale version is $241.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $184.8070, -7.2999, 8.0623$ is the 20% darker color. If you saturate the color by 10%, you get $231.0980, -15.3313, 17.4541$, and if you desaturate by 10%, it is $250.8860, -0.4368, 0.1000$.

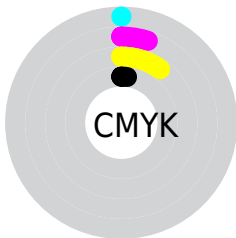
Distribution



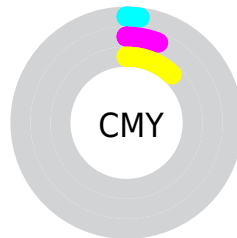
- Red (98%)
- Green (94%)
- Blue (88%)



- Red (97%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.9920, -7.8841, 8.7770 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 240.9920, -7.8841, 8.7770 by changing the saturation by 10% instead.

 240.9920, -7.8841,
8.7770


 240.9920, -7.8841,
8.7770


255.0000, 0.0000,
0.0000


 212.6930, -7.7366,
8.1622

 184.8070, -7.2999,
8.0623

 157.8070, -7.2999,
8.0623

 131.9210, -6.8631,
7.9623

 106.6220, -6.7156,
7.3475

 82.3230, -6.5682,
6.7327

 59.4370, -6.1314,

6.6328

■ 37.8390, -5.8366,
5.4032

■ 16.2800, -8.0260,
7.6474

■ 240.9920, -7.8841,
8.7770

■ 240.9920, -7.8841,
8.7770

■ 231.0980,
-15.3313, 17.4541

■ 250.8860, -0.4368,
0.1000

■ 221.7910,
-23.0680, 25.6163

■ 253.8040, 0.5896,
-2.4591

■ 211.8970,
-30.5152, 34.2933

■ 202.5900,
-38.2519, 42.4556

■ 192.5820,
-46.1359, 51.2326

■ 182.6880,
-53.5832, 59.9096

■ 173.3810,
-61.3198, 68.0719

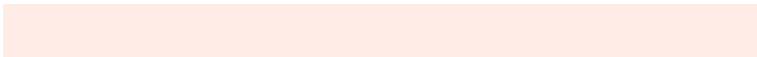
■ 163.4870,
-68.7671, 76.7489

■ 154.2940,
-76.0669, 84.8112

Harmonies

Analogous

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



241.4700, -6.1477, 11.8658



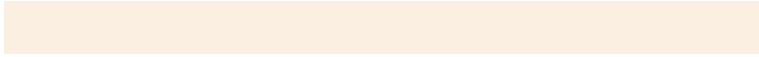
240.9920, -7.8841, 8.7770



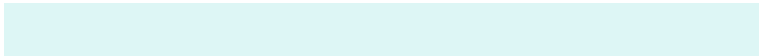
240.0620, -7.4256, 1.6996

Triad

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



240.9920, -7.8841, 8.7770



238.4110, 3.2484, -15.2694



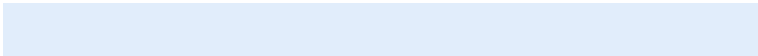
241.9990, 4.9305, 5.2629

Complementary

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



240.9920, -7.8841, 8.7770



235.0080, 7.8841, -8.7770

Split Complementary

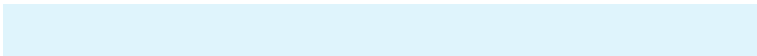
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4110, 6.6994, -2.1144



240.9920, -7.8841, 8.7770



238.6330, 6.5899, -13.7101

Square

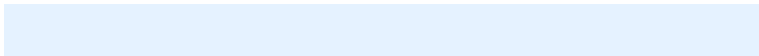
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.9920, -7.8841, 8.7770



238.1080, -0.5462, -11.4957



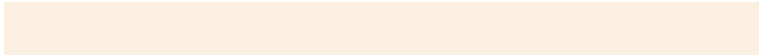
239.5950, 7.5947, -9.2918



242.5930, 0.6937, 10.8809

Rectangle

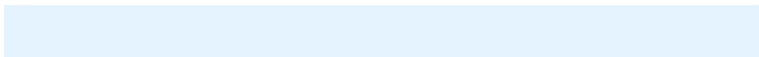
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.9920, -7.8841, 8.7770



239.1970, -5.5201, -2.8038



239.5950, 7.5947, -9.2918



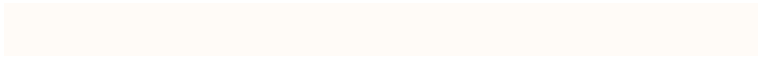
241.8030, 5.5201, 2.8038

Sweetspot

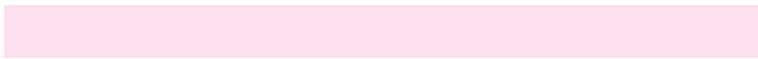
The Sweet Spot groups the original color and five complimentary colors.



240.9920, -7.8841, 8.7770



251.7400, -2.3368, 2.8590



234.1420, 1.4090, 14.7845



125.5550, -1.7526, 2.1443



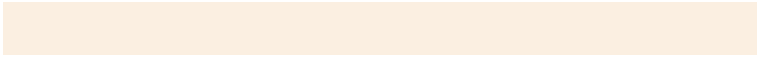
0.0000, 0.0000, 0.0000



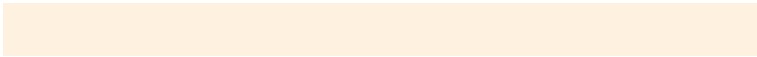
128.0000, 0.0000, 0.0000

Same Dimension

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



240.9920, -7.8841, 8.7770



243.2480, -9.4893, 10.3065



247.7370, -11.2093, 1.9847



119.9960, -3.9420, 4.3885



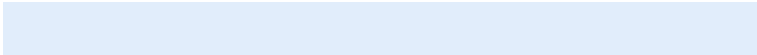
116.3850, -57.3778, 63.6834



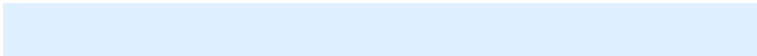
37.6100, -18.5417, 20.5130

Inverse Universe

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



235.0080, 7.8841, -8.7770



236.3390, 9.1999, -10.8213



228.2630, 11.2093, -1.9847



117.0040, 3.9420, -4.3885



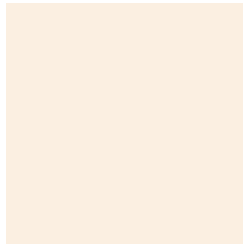
72.6150, 57.3778, -63.6834



23.3900, 18.5417, -20.5130

Previews

White Background



This preview shows how the YUV color 240.9920, -7.8841, 8.7770 looks on a white background.

Color Contrast Check

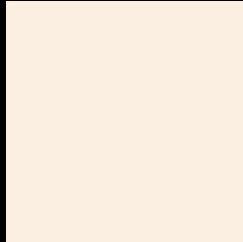
Large Text (above 18pt) WCAG AA × Fail

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 240.9920, -7.8841, 8.7770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

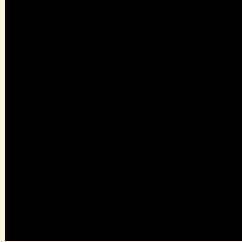
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 240.9920, -7.8841, 8.7770

Background



This preview shows how black text looks on a background with the YUV color 240.9920, -7.8841, 8.7770.



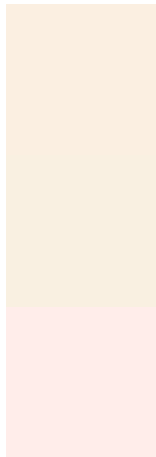
This preview shows how white text looks on a background with the YUV color 240.9920, -7.8841,

8.7770.

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

240.9920, -7.8841, 8.7770

Protanopia

240.9810, -7.8786, 7.0327

Deuteranopia

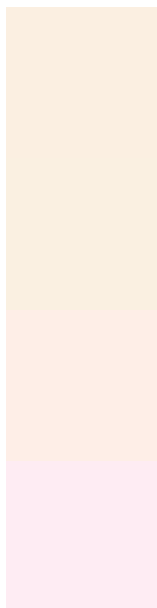
242.0400, -3.9637, 11.3659



Tritanopia

243.0320, 4.9142, 10.4959

Trichromacy



Original Color

240.9920, -7.8841, 8.7770

Protanomaly

241.2800, -8.0260, 7.6474

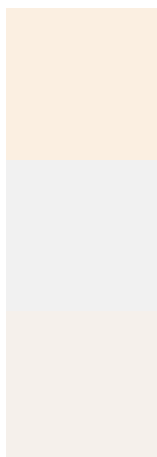
Deuteranomaly

241.9860, -5.4161, 10.5363

Tritanomaly

242.1800, 0.4043, 10.3661

Monochromacy



Original Color

240.9920, -7.8841, 8.7770

Achromatopsia

241.0000, 0.0000, 0.0000

Achromatomaly

240.9250, -2.9210, 3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.9920, -7.8841, 8.7770 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(251, 239, 225)` looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 225)  
}
```

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(251, 239, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 225) }
```

Border

The CSS property to change the border of an element to YUV 240.9920, -7.8841, 8.7770 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(251, 239, 225) }
```


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

```
.border{ border-color:rgb(251, 239, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 239, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 225);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 240.9920, -7.8841, 8.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 225) }
```

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

```
.background{ background-color: rgb(251,  
239, 225) }
```

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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