

Converting Colors

YUV(243.6420, -20.5295,
4.6990)

Have a look what the booklet for
YUV(243.6420, -20.5295, 4.6990)
contains.

YUV(243.6420, -20.5295, 4.6990)	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(243.6420, -20.5295,
4.6990)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9CA
RGB	249, 249, 202
RGB Percent	98%, 98%, 79%
CMY	0.0235, 0.0235, 0.2078
CMYK	0.00, 0.00, 0.19, 0.02
HSL	60°, 80%, 88%
HSV	60°, 19%, 98%
XYZ	83.6033, 92.1554, 69.2585
YIQ	243.6420, 15.0870, -14.6170

Conversions

Conversions Part 2

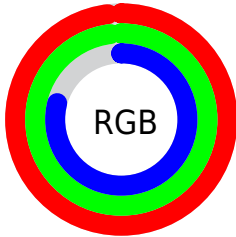
Format	Color
RYB	202, 249, 202
Decimal	16382410
CIELab	96.88, -7.50, 22.62
CIELCh	97, 23.835, 108.337
Yxy	92.1554, 0.3412, 0.3761
Android (android.graphics.Color)	4294572490 (0xFFFF9F9CA)
YUV	243.6420, -20.5295, 4.6990
Hunter-Lab	95.9976, -12.5420, 24.4229

Details

The YUV color $243.6420, -20.5295, 4.6990$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $207.3580, 20.5295, -4.6990$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.5710, -19.5085, 3.8842$ is the 20% darker color. If you saturate the color by 10%, you get $240.7920, -31.4495, 7.1984$, and if you desaturate by 10%, it is $246.4920, -9.6096, 2.1995$.

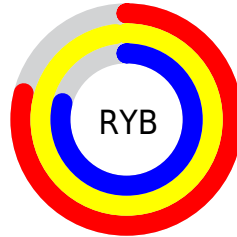
Distribution



Red (98%)

Green (98%)

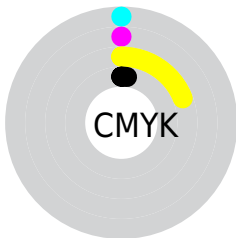
Blue (79%)



Red (79%)

Yellow (98%)

Blue (79%)

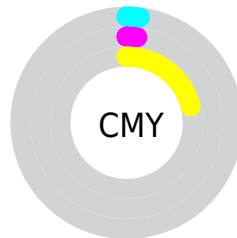


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.6420, -20.5295, 4.6990 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 243.6420, -20.5295, 4.6990 by changing the saturation by 10% instead.

■ 243.6420,
-20.5295, 4.6990

■ 243.6420,
-20.5295, 4.6990

255.0000, 0.0000,
0.0000

■ 214.8700,
-19.6559, 4.4990

■ 187.5710,
-19.5085, 3.8842

■ 160.6850,
-19.0717, 3.7843

■ 133.9130,
-18.1981, 3.5843

■ 108.7280,
-17.6139, 2.8695

■ 84.2550, -16.8877,
3.2844

■ 61.0700, -16.3035,

2.5696

■ 38.5430, -17.0297,
2.1548

■ 19.4700, -9.5987,
-1.2892

■ 243.6420,
-20.5295, 4.6990

■ 243.6420,
-20.5295, 4.6990

■ 240.7920,
-31.4495, 7.1984

■ 246.4920, -9.6096,
2.1995

■ 237.9420,
-42.3694, 9.6979

■ 249.3420, 1.3104,
-0.2999

■ 235.0920,
-53.2894, 12.1973

■ 249.6840, 2.6208,
-0.5999

■ 232.2420,
-64.2093, 14.6968

■ 229.5060,
-74.6925, 17.0962

■ 226.6560,
-85.6124, 19.5957

■ 223.8060,
-96.5324, 22.0951

■ 220.9560,
-107.4523, 24.5946

■ 220.6140,
-108.7627, 24.8945

Harmonies

Analogous

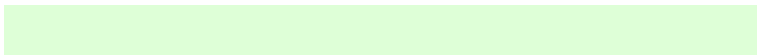
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.6260, -19.5356, 12.6060



243.6420, -20.5295, 4.6990



240.5730, -12.6075, -16.2885

Triad

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



243.6420, -20.5295, 4.6990



234.9670, 9.8763, -41.1901



240.9120, 6.9454, 12.3552

Complementary

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



243.6420, -20.5295, 4.6990



207.3580, 20.5295, -4.6990

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.



243.8470, 5.4984, 9.7812



243.6420, -20.5295, 4.6990



238.8980, 7.9383, -26.2205

Square

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



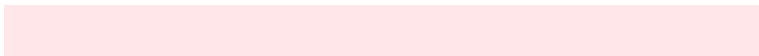
243.6420, -20.5295, 4.6990



234.0700, 10.3185, -43.0344



243.1720, 5.8312, -3.6588



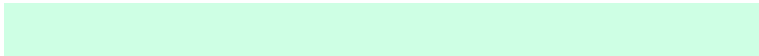
237.7030, -2.8116, 15.1695

Rectangle

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



243.6420, -20.5295, 4.6990



237.2710, -4.5706, -27.4247



243.1720, 5.8312, -3.6588



241.4990, 6.6560, 11.8404

Sweetspot

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



243.6420, -20.5295, 4.6990



253.2900, -6.5520, 1.4997



216.0530, -6.9281, 28.8945



126.9740, -3.9312, 0.8998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

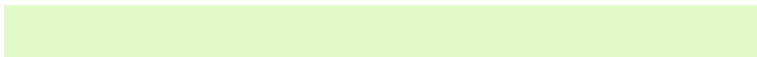
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.6420, -20.5295, 4.6990



248.2740, -25.7711, 5.8987



236.7650, -17.1391, -9.4409



123.5180, -5.6784, 1.2997



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987

Inverse Universe

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



207.3580, 20.5295, -4.6990



202.7260, 25.7711, -5.8987



214.5340, 16.9917, 10.0557



113.4820, 5.6784, -1.2997



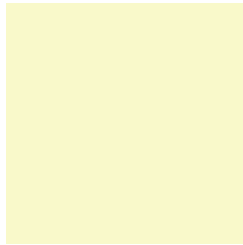
21.5460, 82.5548, -18.8958



6.9540, 26.6447, -6.0987

Previews

White Background



This preview shows how the YUV color 243.6420, -20.5295, 4.6990 looks on a white background.

Color Contrast Check

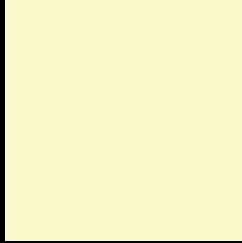
Large Text (above 18pt) WCAG AA × Fail

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 243.6420, -20.5295, 4.6990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

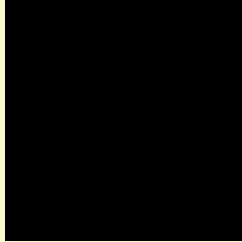
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 243.6420, -20.5295, 4.6990

Background



This preview shows how black text looks on a background with the YUV color 243.6420, -20.5295, 4.6990.



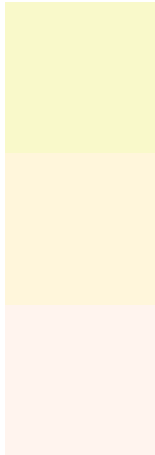
This preview shows how white text looks on a background with the YUV color 243.6420, -20.5295,

4.6990.

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

243.6420, -20.5295, 4.6990

Protanopia

245.6130, -13.1202, 8.2324

Deuteranopia

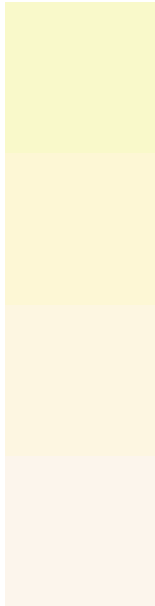
246.6050, -4.2423, 7.3624



Tritanopia

247.3580, 3.7675, 4.9480

Trichromacy



Original Color

243.6420, -20.5295, 4.6990

Protanomaly

244.9180, -15.7356, 7.0879

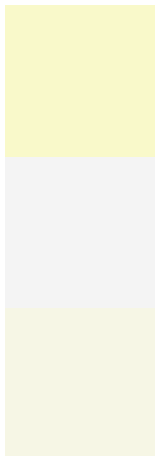
Deuteranomaly

245.6990, -10.2046, 6.4030

Tritanomaly

246.0670, -4.9630, 5.2032

Monochromacy



Original Color

243.6420, -20.5295, 4.6990

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.6420, -20.5295, 4.6990 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(249, 249, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 202)  
}
```

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(249, 249, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 202) }
```

Border

The CSS property to change the border of an element to YUV 243.6420, -20.5295, 4.6990 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(249, 249, 202) }
```


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

```
.border{ border-color:rgb(249, 249, 202) }
```

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

Here you see how a box with a 4 pixel rgb(249, 249, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 243.6420, -20.5295, 4.6990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 202) }
```

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

```
.background{ background-color: rgb(249,  
249, 202) }
```

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