

Converting Colors

YUV(244.7950, -22.5769,
8.0728)

Have a look what the booklet for
YUV(244.7950, -22.5769, 8.0728)
contains.

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Color

**YUV(244.7950, -22.5769,
8.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF9C7
RGB	254, 249, 199
RGB Percent	100%, 98%, 78%
CMY	0.0039, 0.0235, 0.2196
CMYK	0.00, 0.02, 0.22, 0.00
HSL	55°, 96%, 89%
HSV	55°, 22%, 100%
XYZ	85.0575, 92.9457, 67.4901
YIQ	244.7950, 19.0300, -14.4900

Conversions

Conversions Part 2

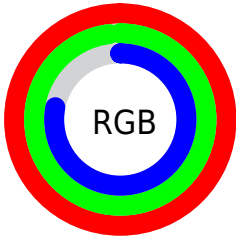
Format	Color
R_{YB}	205, 254, 199
Decimal	16710087
CIE _{Lab}	97.21, -6.12, 24.66
CIE _{LCh}	97, 25.405, 103.949
Yxy	92.9457, 0.3465, 0.3786
Android (android.graphics.Color)	4294900167 (0xFFFEF9C7)
YUV	244.7950, -22.5769, 8.0728
Hunter-Lab	96.4084, -11.2307, 25.9802

Details

The YUV color $244.7950, -22.5769, 8.0728$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $208.2050, 22.5769, -8.0728$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.7240, -21.5559, 7.2581$ is the 20% darker color. If you saturate the color by 10%, you get $240.7710, -32.9181, 11.6018$, and if you desaturate by 10%, it is $248.8190, -12.2358, 4.5437$.

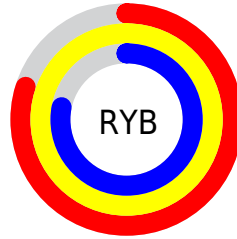
Distribution



Red (100%)

Green (98%)

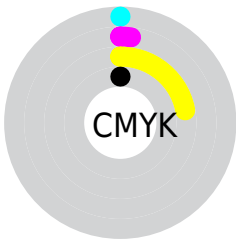
Blue (78%)



Red (80%)

Yellow (100%)

Blue (78%)

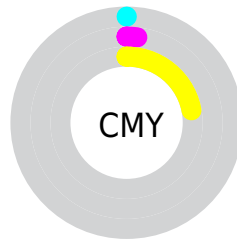


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (2%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.7950, -22.5769, 8.0728 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 244.7950, -22.5769, 8.0728 by changing the saturation by 10% instead.

■ 244.7950,
-22.5769, 8.0728

■ 244.7950,
-22.5769, 8.0728

255.0000, 0.0000,
0.0000

■ 216.0230,
-21.7033, 7.8728

■ 188.7240,
-21.5559, 7.2581

■ 161.5390,
-20.9717, 6.5433

■ 134.7670,
-20.0981, 6.3433

■ 109.5820,
-19.5139, 5.6286

■ 84.8100, -18.6403,
5.4286

■ 61.6250, -18.0561,

4.7139

■ 38.9840, -19.2191,
4.3990

■ 20.3670, -10.0409,
0.5551

■ 244.7950,
-22.5769, 8.0728

■ 244.7950,
-22.5769, 8.0728

■ 240.7710,
-32.9181, 11.6018

■ 248.8190,
-12.2358, 4.5437

■ 236.0460,
-43.4067, 15.7457

■ 253.5440, -1.7472,
0.3999

■ 232.0220,
-53.7478, 19.2747

254.7010, 0.1474,
-0.6148

■ 227.8840,
-64.5258, 22.9037

■ 223.2730,
-74.5776, 26.9476

■ 219.2490,
-84.9188, 30.4766

■ 215.1110,
-95.6967, 34.1057

■ 211.5430,
-104.2907, 37.2348

Harmonies

Analogous

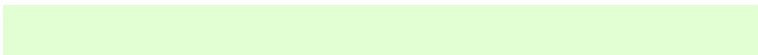
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.5120, -19.9724, 12.7060



244.7950, -22.5769, 8.0728



241.3130, -14.9443, -13.4295

Triad

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



244.7950, -22.5769, 8.0728



233.1730, 10.7607, -44.8787



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.



244.7950, -22.5769, 8.0728



208.2050, 22.5769, -8.0728

Split Complementary

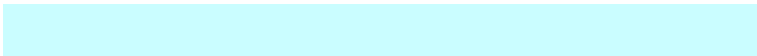
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.4340, 5.2090, 9.2664



244.7950, -22.5769, 8.0728



237.9790, 8.3914, -31.5536

Square

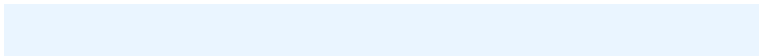
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



244.7950, -22.5769, 8.0728



233.1730, 10.7607, -44.8787



242.8510, 5.9895, -7.7623



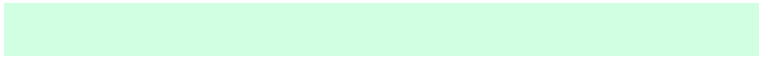
238.1590, -1.0644, 14.7696

Rectangle

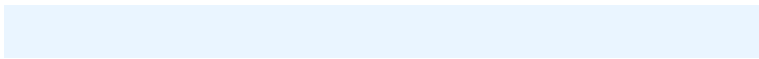
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.7950, -22.5769, 8.0728



237.5270, -6.1758, -25.8952



242.8510, 5.9895, -7.7623



242.0860, 6.3666, 11.3256

Sweetspot

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



244.7950, -22.5769, 8.0728



252.7030, -6.2626, 2.0145



216.1290, -5.4866, 33.2129



126.3870, -3.6418, 1.4146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

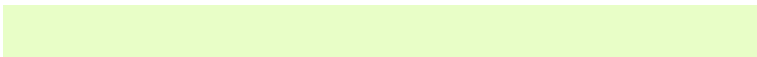
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.7950, -22.5769, 8.0728



243.9540, -27.0923, 9.6873



241.1520, -20.7809, -8.0263



125.3440, -5.0996, 2.3293



159.2470, -78.5088, 27.8474



53.1820, -26.2187, 9.4874

Inverse Universe

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



208.2050, 22.5769, -8.0728



200.0460, 27.0923, -9.6873



211.8480, 20.7809, 8.0263



117.0690, 5.3890, -1.8145



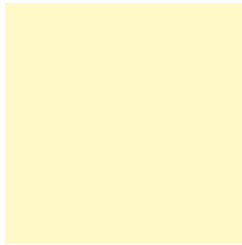
31.7530, 78.5088, -27.8474



10.8180, 26.2187, -9.4874

Previews

White Background



This preview shows how the YUV color 244.7950, -22.5769, 8.0728 looks on a white background.

Color Contrast Check

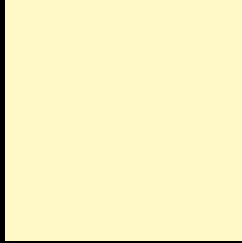
Large Text (above 18pt) WCAG AA × Fail

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 244.7950, -22.5769, 8.0728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

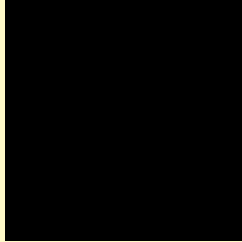
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 244.7950, -22.5769, 8.0728

Background



This preview shows how black text looks on a background with the YUV color 244.7950, -22.5769, 8.0728.

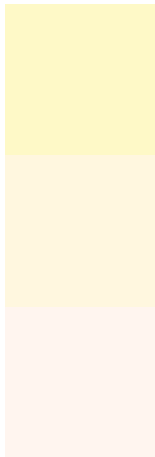


This preview shows how white text looks on a background with the YUV color 244.7950, -22.5769, 8.0728.

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

244.7950, -22.5769, 8.0728

Protanopia

246.6560, -11.6624, 7.3177

Deuteranopia

247.3060, -4.0949, 6.7476



Tritanopia

248.4290, 2.7465, 5.7628

Trichromacy



Original Color

244.7950, -22.5769, 8.0728

Protanomaly

246.2170, -15.8830, 7.7027

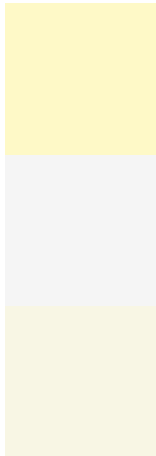
Deuteranomaly

246.1830, -10.9362, 7.7325

Tritanomaly

247.3230, -6.5682, 6.7327

Monochromacy



Original Color

244.7950, -22.5769, 8.0728

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.5460, -8.1572, 3.0292

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.7950, -22.5769, 8.0728 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(254, 249, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 249, 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(254, 249, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 249, 199) }
```

Border

The CSS property to change the border of an element to YUV 244.7950, -22.5769, 8.0728 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(254, 249, 199) }
```


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

```
.border{ border-color:rgb(254, 249, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 249, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 249, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 249, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 249,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 244.7950, -22.5769, 8.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 249, 199) }
```

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

```
.background{ background-color: rgb(254,  
249, 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](#).

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