

Converting Colors

YUV(237.7560, -20.0927,
4.5990)

Have a look what the booklet for
YUV(237.7560, -20.0927, 4.5990)
contains.

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Color

**YUV(237.7560, -20.0927,
4.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3C5
RGB	243, 243, 197
RGB Percent	95%, 95%, 77%
CMY	0.0471, 0.0471, 0.2275
CMYK	0.00, 0.00, 0.19, 0.05
HSL	60°, 66%, 86%
HSV	60°, 19%, 95%
XYZ	79.0908, 87.1871, 65.4836
YIQ	237.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

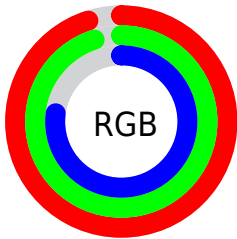
Format	Color
R_{YB}	197, 243, 197
Decimal	15987653
CIE Lab	94.82, -7.37, 22.25
CIE LCh	95, 23.436, 108.334
Yxy	87.1871, 0.3413, 0.3762
Android (android.graphics.Color)	4294177733 (0xFFFF3F3C5)
YUV	237.7560, -20.0927, 4.5990
Hunter-Lab	93.3740, -12.2093, 23.7815

Details

The YUV color $237.7560, -20.0927, 4.5990$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $202.2440, 20.0927, -4.5990$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $181.6850, -19.0717, 3.7843$ is the 20% darker color. If you saturate the color by 10%, you get $235.0200, -30.5759, 6.9985$, and if you desaturate by 10%, it is $240.4920, -9.6096, 2.1995$.

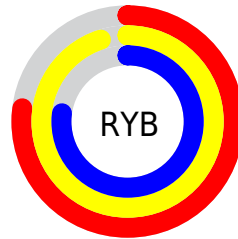
Distribution



Red (95%)

Green (95%)

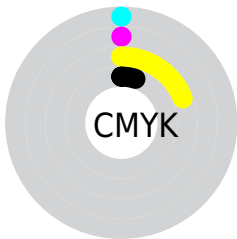
Blue (77%)



Red (77%)

Yellow (95%)

Blue (77%)

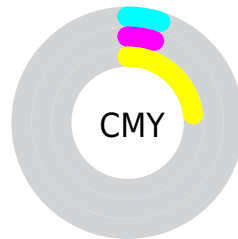


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.7560, -20.0927, 4.5990 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 237.7560, -20.0927, 4.5990 by changing the saturation by 10% instead.

■ 237.7560,
-20.0927, 4.5990

■ 237.7560,
-20.0927, 4.5990

255.0000, 0.0000,
0.0000

■ 209.5710,
-19.5085, 3.8842

254.8860, -0.4368,
0.1000

■ 181.6850,
-19.0717, 3.7843

■ 154.7990,
-18.6349, 3.6843

■ 128.9130,
-18.1981, 3.5843

■ 103.8420,
-17.1771, 2.7696

■ 79.3690, -16.4509,
3.1844

■ 56.1840, -15.8667,

2.4696

■ 33.9560, -16.7403,
2.6696

■ 14.1320, -6.9671,
-5.3778

■ 237.7560,
-20.0927, 4.5990

■ 237.7560,
-20.0927, 4.5990

■ 235.0200,
-30.5759, 6.9985

■ 240.4920, -9.6096,
2.1995

■ 232.1700,
-41.4958, 9.4979

■ 243.3420, 1.3104,
-0.2999

■ 229.4340,
-51.9790, 11.8974

■ 244.3680, 5.2416,
-1.1997

■ 226.6980,
-62.4621, 14.2969

■ 223.9620,
-72.9453, 16.6963

■ 221.1120,
-83.8652, 19.1958

■ 218.3760,
-94.3484, 21.5952

■ 215.6400,
-104.8315, 23.9947

■ 215.2980,
-106.1419, 24.2947

Harmonies

Analogous

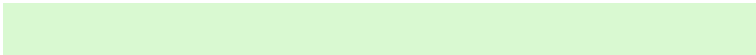
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.1210, -20.2727, 15.6799



237.7560, -20.0927, 4.5990



234.8720, -12.7549, -15.6737

Triad

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



237.7560, -20.0927, 4.5990



230.5370, 12.0603, -41.6899



236.8200, 6.4977, 15.9439

Complementary

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



237.7560, -20.0927, 4.5990



202.2440, 20.0927, -4.5990

Split Complementary

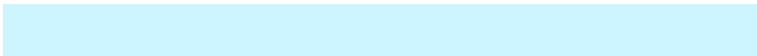
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.3250, 7.2348, 12.8700



237.7560, -20.0927, 4.5990



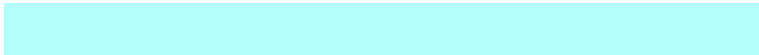
233.8810, 10.4117, -26.2056

Square

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



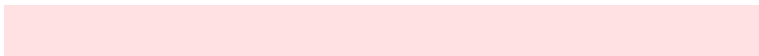
237.7560, -20.0927, 4.5990



231.1730, 10.7607, -44.8787



237.8560, 8.4520, -4.2587



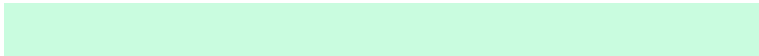
234.1980, -3.5486, 18.2434

Rectangle

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



237.7560, -20.0927, 4.5990



233.4450, -5.1494, -28.4543



237.8560, 8.4520, -4.2587



237.9770, 8.3923, 14.9292

Sweetspot

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



237.7560, -20.0927, 4.5990



253.2900, -6.5520, 1.4997



210.7540, -6.7807, 28.2797



126.9740, -3.9312, 0.8998



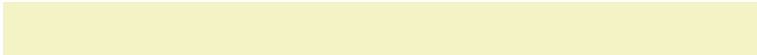
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

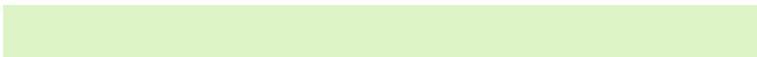
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.7560, -20.0927, 4.5990



248.2740, -25.7711, 5.8987



230.8790, -16.7023, -9.5409



120.6320, -5.2416, 1.1997



164.7960, -81.2444, 18.5959



52.2740, -25.7711, 5.8987

Inverse Universe

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



202.2440, 20.0927, -4.5990



202.7260, 25.7711, -5.8987



209.1210, 16.7023, 9.5409



111.3680, 5.2416, -1.1997



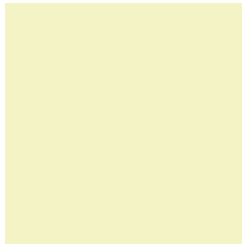
21.2040, 81.2444, -18.5959



6.7260, 25.7711, -5.8987

Previews

White Background



This preview shows how the YUV color 237.7560, -20.0927, 4.5990 looks on a white background.

Color Contrast Check

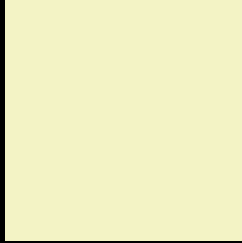
Large Text (above 18pt) WCAG AA × Fail

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 237.7560, -20.0927, 4.5990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

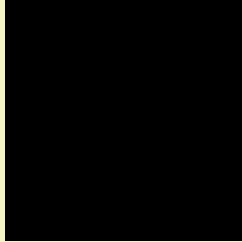
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

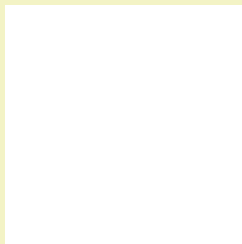
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.7560, -20.0927, 4.5990

Background



This preview shows how black text looks on a background with the YUV color 237.7560, -20.0927, 4.5990.



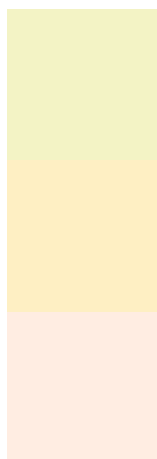
This preview shows how white text looks on a background with the YUV color 237.7560, -20.0927,

4.5990.

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

237.7560, -20.0927, 4.5990

Protanopia

238.4690, -21.4302, 13.6207

Deuteranopia

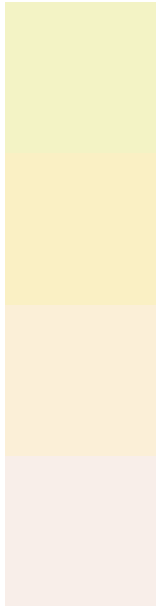
241.1280, -7.4581, 12.1657



Tritanopia

241.9500, 5.9407, 7.9369

Trichromacy



Original Color

237.7560, -20.0927, 4.5990

Protanomaly

237.9740, -20.6932, 10.5468

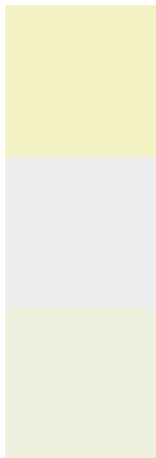
Deuteranomaly

239.8520, -12.2520, 9.7768

Tritanomaly

240.4200, -3.6581, 6.6477

Monochromacy



Original Color

237.7560, -20.0927, 4.5990

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.0620, -7.4256, 1.6996

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.7560, -20.0927, 4.5990 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, 243, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 197)  
}
```

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, 243, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 197) }
```

Border

The CSS property to change the border of an element to YUV 237.7560, -20.0927, 4.5990 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, 243, 197) }
```


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

```
.border{ border-color:rgb(243, 243, 197) }
```

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

Here you see how a box with a 4 pixel rgb(243, 243, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 237.7560, -20.0927, 4.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 243, 197) }
```

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

```
.background{ background-color: rgb(243,  
243, 197) }
```

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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