

Converting Colors

YUV(239.0220, -16.7728,
13.1357)

Have a look what the booklet for
YUV(239.0220, -16.7728, 13.1357)
contains.

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Color

**YUV(239.0220, -16.7728,
13.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEECD
RGB	254, 238, 205
RGB Percent	100%, 93%, 80%
CMY	0.0039, 0.0667, 0.1961
CMYK	0.00, 0.06, 0.19, 0.00
HSL	40°, 96%, 90%
HSV	40°, 19%, 100%
XYZ	82.4670, 86.6277, 70.1319
YIQ	239.0220, 20.1290, -6.8710

Conversions

Conversions Part 2

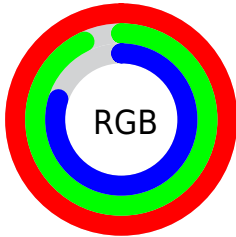
Format	Color
R _Y B	229, 254, 205
Decimal	16707277
CIE Lab	94.58, 0.25, 17.93
CIE LCh	95, 17.935, 89.199
Yxy	86.6277, 0.3447, 0.3621
Android (android.graphics.Color)	4294897357 (0xFFFEED)
YUV	239.0220, -16.7728, 13.1357
Hunter-Lab	93.0740, -4.7218, 20.4763

Details

The YUV color $239.0220, -16.7728, 13.1357$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $219.9780, 16.7728, -13.1357$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.9510, -15.7518, 12.3210$ is the 20% darker color. If you saturate the color by 10%, you get $231.4760, -25.3777, 19.7535$, and if you desaturate by 10%, it is $246.5680, -8.1680, 6.5179$.

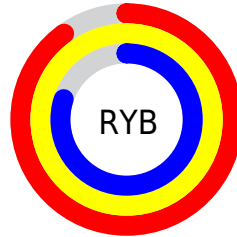
Distribution



Red (100%)

Green (93%)

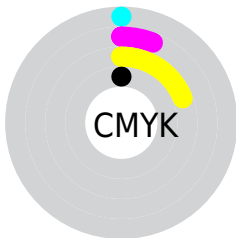
Blue (80%)



Red (90%)

Yellow (100%)

Blue (80%)

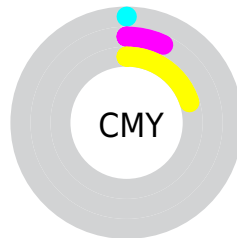


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (7%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.0220, -16.7728, 13.1357 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 239.0220, -16.7728, 13.1357 by changing the saturation by 10% instead.

239.0220,
-16.7728, 13.1357

239.0220,
-16.7728, 13.1357

255.0000, 0.0000,
0.0000

210.7230,
-16.6254, 12.5209

182.9510,
-15.7518, 12.3210

155.7660,
-15.1676, 11.6062

129.8800,
-14.7308, 11.5062

104.6950,
-14.1466, 10.7915

80.5100, -13.5624,
10.0767

57.3250, -12.9782,

9.3620

■ 35.4990, -13.5570,
8.3324

■ 15.3830, -7.5838,
5.8031

■ 239.0220,
-16.7728, 13.1357

■ 239.0220,
-16.7728, 13.1357

■ 231.4760,
-25.3777, 19.7535

■ 246.5680, -8.1680,
6.5179

■ 223.2290,
-34.1299, 26.9862

254.7010, 0.1474,
-0.6148

■ 215.6830,
-42.7347, 33.6040

■ 208.0230,
-51.7763, 40.3218

■ 200.4770,
-60.3812, 46.9397

■ 192.3440,
-68.6966, 54.0723

■ 184.6840,
-77.7382, 60.7901

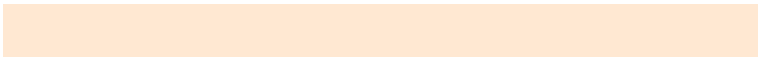
■ 177.1380,
-86.3430, 67.4080

■ 176.3230,
-86.9272, 68.1227

Harmonies

Analogous

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



236.3690, -12.9999, 16.3394



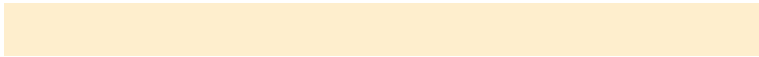
239.0220, -16.7728, 13.1357



237.3190, -13.9613, -2.0338

Triad

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



239.0220, -16.7728, 13.1357



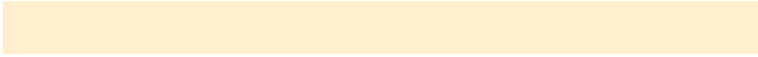
233.5380, 10.5808, -33.7978



240.3250, 7.2348, 12.8700

Complementary

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



239.0220, -16.7728, 13.1357



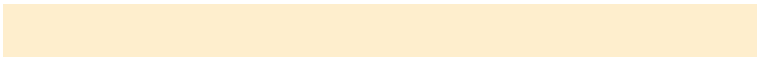
219.9780, 16.7728, -13.1357

Split Complementary

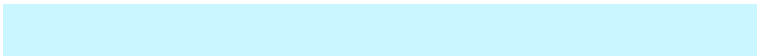
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.3730, 7.7041, 2.3039



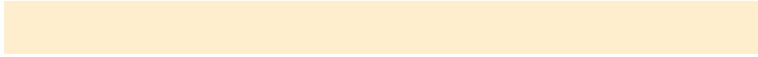
239.0220, -16.7728, 13.1357



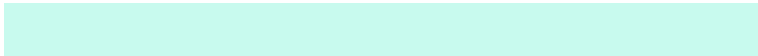
233.8700, 10.4171, -27.9500

Square

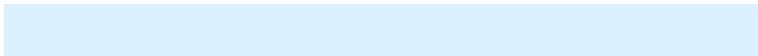
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.0220, -16.7728, 13.1357



233.6820, 2.1288, -29.5391



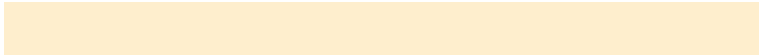
236.3170, 9.2107, -14.3100



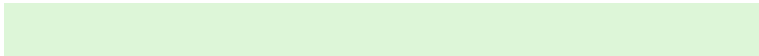
237.4410, 1.2616, 15.3992

Rectangle

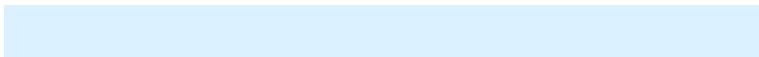
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.0220, -16.7728, 13.1357



235.1050, -9.4188, -12.3701



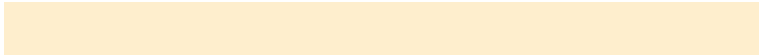
236.3170, 9.2107, -14.3100



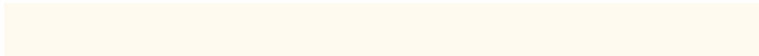
241.4990, 6.6560, 11.8404

Sweetspot

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



239.0220, -16.7728, 13.1357



250.3550, -5.1050, 4.0737



221.4750, -0.2342, 28.5244



125.2130, -3.0630, 2.4442



0.0000, 0.0000, 0.0000



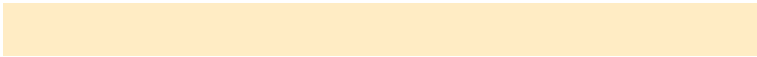
128.0000, 0.0000, 0.0000

Same Dimension

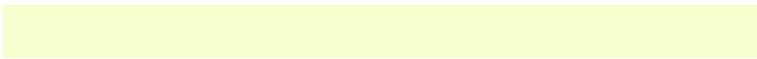
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0220, -16.7728, 13.1357



237.1210, -20.2727, 15.6799



246.0220, -20.2238, -0.0193



123.5830, -4.2314, 3.8737



132.8320, -65.4862, 51.0133



44.3770, -21.8779, 17.2094

Inverse Universe

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



219.9780, 16.7728, -13.1357



214.4660, 19.9833, -16.1947



212.9780, 20.2238, 0.0193



118.8300, 4.5208, -3.3589



58.1680, 65.4862, -51.0133



19.6230, 21.8779, -17.2094

Previews

White Background



This preview shows how the YUV color 239.0220, -16.7728, 13.1357 looks on a white background.

Color Contrast Check

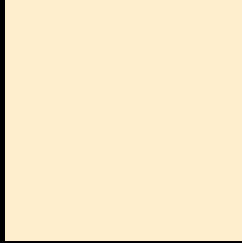
Large Text (above 18pt) WCAG AA × Fail

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 239.0220, -16.7728, 13.1357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

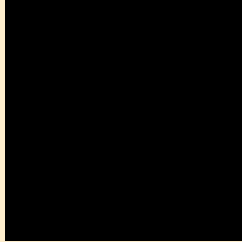
Any Text WCAG AA ✓ Pass

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 239.0220, -16.7728, 13.1357 Background



This preview shows how black text looks on a background with the YUV color 239.0220, -16.7728, 13.1357.



This preview shows how white text looks on a background with the YUV color 239.0220, -16.7728, 13.1357.

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

239.0220, -16.7728, 13.1357

Protanopia

239.0110, -16.7674, 11.3914

Deuteranopia

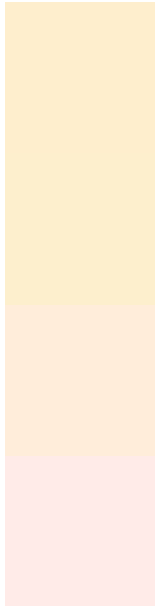
240.5410, -7.1687, 12.6805



Tritanopia

241.7610, 2.5828, 11.6106

Trichromacy



Original Color

239.0220, -16.7728, 13.1357

Protanomaly

239.3100, -16.9148, 12.0061

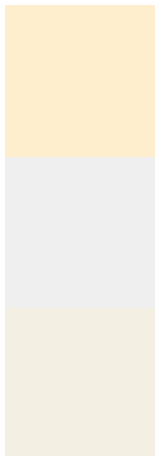
Deuteranomaly

240.2160, -10.9525, 12.9656

Tritanomaly

240.6380, -4.2585, 12.5955

Monochromacy



Original Color

239.0220, -16.7728, 13.1357

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.0220, -16.7728, 13.1357 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, 238, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 238, 205)  
}
```

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, 238, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 238, 205) }
```

Border

The CSS property to change the border of an element to YUV 239.0220, -16.7728, 13.1357 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, 238, 205) }
```


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

```
.border{ border-color:rgb(254, 238, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 238, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 238, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 238, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 238,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 239.0220, -16.7728, 13.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 238, 205) }
```

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

```
.background{ background-color: rgb(254,  
238, 205) }
```

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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