

Converting Colors

YUV(238.1760, -6.9888, 1.5996)

Have a look what the booklet for
YUV(238.1760, -6.9888, 1.5996)
contains.

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Color

**YUV(238.1760, -6.9888,
1.5996)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F0E0
RGB	240, 240, 224
RGB Percent	94%, 94%, 88%
CMY	0.0588, 0.0588, 0.1216
CMYK	0.00, 0.00, 0.07, 0.06
HSL	60°, 35%, 91%
HSV	60°, 7%, 94%
XYZ	80.5498, 86.2273, 82.9191
YIQ	238.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

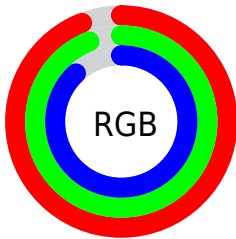
Format	Color
R _Y B	224, 240, 224
Decimal	15790304
CIE Lab	94.41, -2.74, 7.72
CIE LCh	94, 8.193, 109.526
Yxy	86.2273, 0.3226, 0.3453
Android (android.graphics.Color)	4293980384 (0xFFFF0F0E0)
YUV	238.1760, -6.9888, 1.5996
Hunter-Lab	92.8586, -7.6636, 12.0574

Details

The YUV color $238.1760, -6.9888, 1.5996$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $225.8240, 6.9888, -1.5996$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $182.2900, -6.5520, 1.4997$ is the 20% darker color. If you saturate the color by 10%, you get $235.4400, -17.4719, 3.9991$, and if you desaturate by 10%, it is $240.9120, 3.4944, -0.7998$.

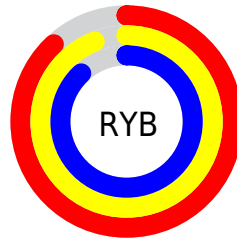
Distribution



Red (94%)

Green (94%)

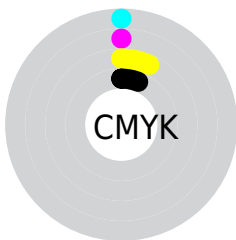
Blue (88%)



Red (88%)

Yellow (94%)

Blue (88%)

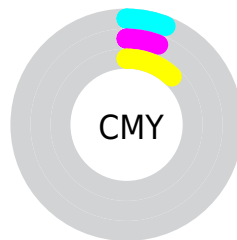


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (6%)



Cyan (6%)

Magenta (6%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 238.1760, -6.9888, 1.5996 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 238.1760, -6.9888, 1.5996 by changing the saturation by 10% instead.

■ 238.1760, -6.9888,
1.5996

■ 238.1760, -6.9888,
1.5996

255.0000, 0.0000,
0.0000

■ 210.1760, -6.9888,
1.5996

■ 182.2900, -6.5520,
1.4997

■ 155.2900, -6.5520,
1.4997

■ 129.4040, -6.1152,
1.3997

■ 104.4040, -6.1152,
1.3997

■ 80.5180, -5.6784,
1.2997

■ 57.5180, -5.6784,

1.2997

■ 35.7460, -4.8048,
1.0998

■ 14.1760, -6.9888,
1.5996

■ 238.1760, -6.9888,
1.5996

■ 238.1760, -6.9888,
1.5996

■ 235.4400,
-17.4719, 3.9991

■ 240.9120, 3.4944,
-0.7998

■ 232.7040,
-27.9551, 6.3986

■ 241.7100, 6.5520,
-1.4997

■ 229.9680,
-38.4382, 8.7981

■ 227.2320,
-48.9214, 11.1975

■ 224.4960,
-59.4045, 13.5970

■ 221.7600,
-69.8877, 15.9965

■ 219.0240,
-80.3708, 18.3960

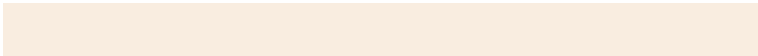
■ 216.2880,
-90.8540, 20.7954

■ 213.5520,
-101.3371, 23.1949

Harmonies

Analogous

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



239.1060, -7.4473, 8.6770



238.1760, -6.9888, 1.5996



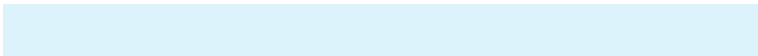
237.1150, -4.4937, -5.3629

Triad

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



238.1760, -6.9888, 1.5996



237.3340, 6.7373, -14.3249



240.8920, 0.5462, 11.4957

Complementary

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



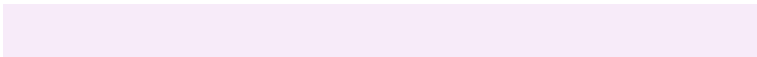
238.1760, -6.9888, 1.5996



225.8240, 6.9888, -1.5996

Split Complementary

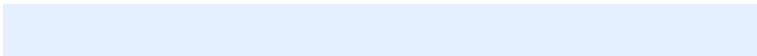
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.1840, 4.3463, 5.9776



238.1760, -6.9888, 1.5996



238.0080, 7.8841, -8.7770

Square

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



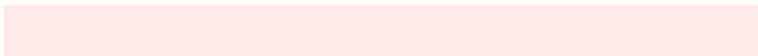
238.1760, -6.9888, 1.5996



236.8240, 3.5378, -14.7546



239.5250, 7.1362, -2.2144



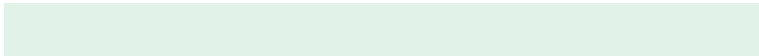
240.2790, -3.0955, 12.9103

Rectangle

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



238.1760, -6.9888, 1.5996



236.4780, -1.7147, -10.0662



239.5250, 7.1362, -2.2144



240.6360, 2.1515, 9.9662

Sweetspot

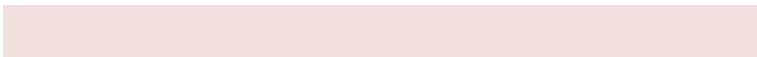
The Sweet Spot groups the original color and five complimentary colors.



238.1760, -6.9888, 1.5996



254.4300, -2.1840, 0.4999



228.7840, -2.3585, 9.8364



127.6580, -1.3104, 0.2999



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.



238.1760, -6.9888, 1.5996



252.7200, -8.7360, 1.9996



235.7840, -5.8095, -3.3186



118.6320, -5.2416, 1.1997



163.0240, -80.3708, 18.3960



49.6160, -24.4607, 5.5988

Inverse Universe

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



225.8240, 6.9888, -1.5996



237.2800, 8.7360, -1.9996



228.2160, 5.8095, 3.3186



109.3680, 5.2416, -1.1997



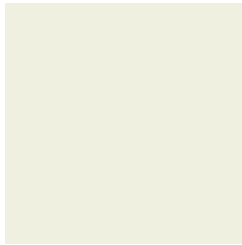
20.9760, 80.3708, -18.3960



6.3840, 24.4607, -5.5988

Previews

White Background



This preview shows how the YUV color 238.1760, -6.9888, 1.5996 looks on a white background.

Color Contrast Check

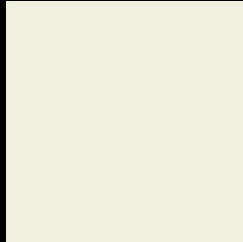
Large Text (above 18pt) WCAG AA × Fail

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 238.1760, -6.9888, 1.5996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

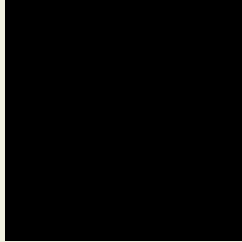
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

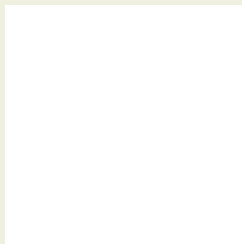
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 238.1760, -6.9888, 1.5996

Background



This preview shows how black text looks on a background with the YUV color 238.1760, -6.9888, 1.5996.



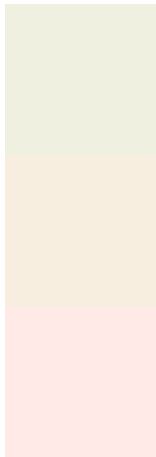
This preview shows how white text looks on a background with the YUV color 238.1760, -6.9888,

1.5996.

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

238.1760, -6.9888, 1.5996

Protanopia

238.9810, -7.8786, 7.0327

Deuteranopia

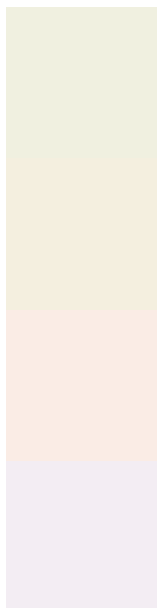
240.0510, -3.9691, 13.1103



Tritanopia

240.4440, 6.6831, 3.1186

Trichromacy



Original Color

238.1760, -6.9888, 1.5996

Protanomaly

238.6710, -7.7258, 4.6735

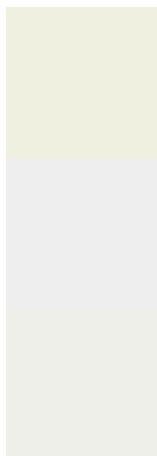
Deuteranomaly

239.3880, -5.1213, 9.3067

Tritanomaly

239.4780, 1.7363, 3.0888

Monochromacy



Original Color

238.1760, -6.9888, 1.5996

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

238.3160, -2.6208, 0.5999

CSS Examples

Text

The CSS property to change the color of the text to YUV 238.1760, -6.9888, 1.5996 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(240, 240, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 240, 224)  
}
```

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(240, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 240, 224) }
```

Border

The CSS property to change the border of an element to YUV 238.1760, -6.9888, 1.5996 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(240, 240, 224) }
```


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

```
.border{ border-color:rgb(240, 240, 224) }
```

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

Here you see how a box with a 4 pixel rgb(240, 240, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 240,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 238.1760, -6.9888, 1.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 240, 224) }
```

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

```
.background{ background-color: rgb(240,  
240, 224) }
```

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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