

Converting Colors

YUV(222.7990, -18.6349,
3.6843)

Have a look what the booklet for
YUV(222.7990, -18.6349, 3.6843)
contains.

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Color

**YUV(222.7990, -18.6349,
3.6843)**

Conversions

Conversions Part 1

Format	Color
Hex	E3E4B9
RGB	227, 228, 185
RGB Percent	89%, 89%, 73%
CMY	0.1098, 0.1059, 0.2745
CMYK	0.00, 0.00, 0.19, 0.11
HSL	61°, 44%, 81%
HSV	61°, 19%, 89%
XYZ	68.1789, 75.3205, 56.8438
YIQ	222.7990, 13.2070, -13.5850

Conversions

Conversions Part 2

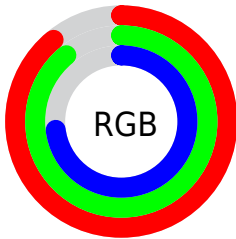
Format	Color
RYB	185, 228, 186
Decimal	14935225
CIELab	89.54, -7.34, 20.93
CIELCh	90, 22.180, 109.333
Yxy	75.3205, 0.3403, 0.3760
Android (android.graphics.Color)	4293125305 (0xFFE3E4B9)
YUV	222.7990, -18.6349, 3.6843
Hunter-Lab	86.7874, -11.6509, 21.9175

Details

The YUV color $222.7990, -18.6349, 3.6843$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $190.2010, 18.6349, -3.6843$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4040, -6.1152, 1.3997$, and $167.7280, -17.6139, 2.8695$ is the 20% darker color. If you saturate the color by 10%, you get $219.8780, -28.5339, 5.3690$, and if you desaturate by 10%, it is $225.7200, -8.7360, 1.9996$.

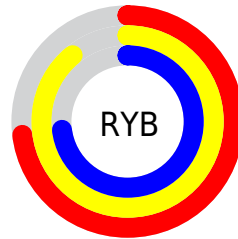
Distribution



Red (89%)

Green (89%)

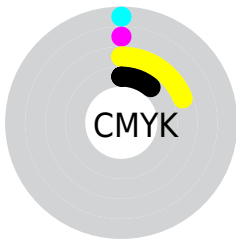
Blue (73%)



Red (73%)

Yellow (89%)

Blue (73%)

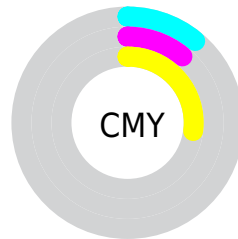


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.7990, -18.6349, 3.6843 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 222.7990, -18.6349, 3.6843 by changing the saturation by 10% instead.

■ 222.7990,
-18.6349, 3.6843

■ 222.7990,
-18.6349, 3.6843

255.0000, 0.0000,
0.0000

■ 194.9130,
-18.1981, 3.5843

■ 253.4040, -6.1152,
1.3997

■ 167.7280,
-17.6139, 2.8695

■ 141.1410,
-17.3245, 3.3843

■ 115.3690,
-16.4509, 3.1844

■ 91.1840, -15.8667,
2.4696

■ 66.9990, -15.2825,
1.7549

■ 44.8140, -14.6983,

1.0401

■ 24.7970, -12.2249,
1.0550

■ 0.0000, 0.0000,
0.0000

■ 222.7990,
-18.6349, 3.6843

■ 222.7990,
-18.6349, 3.6843

■ 219.8780,
-28.5339, 5.3690

■ 225.7200, -8.7360,
1.9996

■ 217.2560,
-38.5802, 7.6685

■ 228.3420, 1.3104,
-0.2999

■ 214.4490,
-48.0424, 9.2532

■ 231.1490, 10.7725,
-1.8847

■ 211.8270,
-58.0887, 11.5527

■ 231.3770, 11.6461,
-2.0846

■ 208.9060,
-67.9877, 13.2374

■ 231.6760, 11.4987,
-1.4699

■ 206.2840,
-78.0340, 15.5369

■ 231.9750, 11.3513,
-0.8551

■ 203.3630,
-87.9330, 17.2216

■ 232.2740, 11.2039,
-0.2403

■ 200.8550,
-97.5425, 19.4212

■ 200.5130,
-98.8529, 19.7211

Harmonies

Analogous

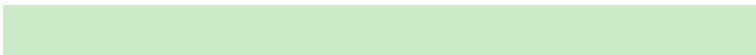
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.1540, -20.2889, 20.9129



222.7990, -18.6349, 3.6843



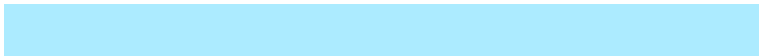
220.5130, -11.5919, -15.3589

Triad

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



222.7990, -18.6349, 3.6843



218.4430, 18.0226, -40.7305



226.7780, 3.5604, 24.7507

Complementary

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



222.7990, -18.6349, 3.6843



190.2010, 18.6349, -3.6843

Split Complementary

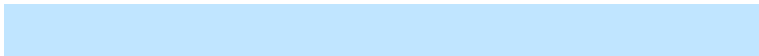
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.3020, 12.1761, 14.6441



222.7990, -18.6349, 3.6843



220.9010, 16.8108, -25.3462

Square

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



222.7990, -18.6349, 3.6843



216.7820, 10.4605, -41.9048



224.8650, 14.8566, -5.1436



224.2700, -6.0491, 26.9502

Rectangle

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



222.7990, -18.6349, 3.6843



218.5700, -4.7180, -26.8099



224.8650, 14.8566, -5.1436



228.1630, 6.3286, 23.5360

Sweetspot

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



222.7990, -18.6349, 3.6843



253.2900, -6.5520, 1.4997



198.4440, -6.6279, 25.9206



126.6750, -3.7838, 0.2850



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.



222.7990, -18.6349, 3.6843



247.9750, -25.6237, 5.2839



216.5200, -15.5394, -9.2260



113.3330, -5.0942, 0.5850



157.0990, -77.4498, 14.8222



44.8870, -22.1293, 4.4841

Inverse Universe

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



190.2010, 18.6349, -3.6843



203.3240, 25.4763, -4.6691



196.4800, 15.5394, 9.2260



104.6670, 5.0942, -0.5850



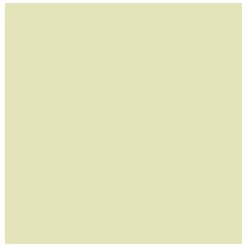
21.6020, 77.5972, -15.4370



6.1130, 22.1293, -4.4841

Previews

White Background



This preview shows how the YUV color 222.7990, -18.6349, 3.6843 looks on a white background.

Color Contrast Check

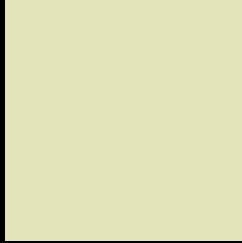
Large Text (above 18pt) WCAG AA × Fail

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 222.7990, -18.6349, 3.6843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

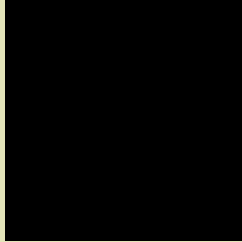
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

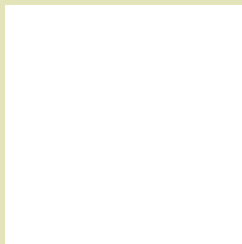
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.7990, -18.6349, 3.6843

Background



This preview shows how black text looks on a background with the YUV color 222.7990, -18.6349, 3.6843.



This preview shows how white text looks on a background with the YUV color 222.7990, -18.6349, 3.6843.

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

222.7990, -18.6349, 3.6843

Protanopia

223.5120, -19.9724, 12.7060

Deuteranopia

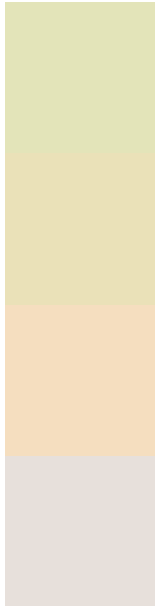
226.3270, -15.9372, 25.1462



Tritanopia

226.8250, 5.5093, 6.2925

Trichromacy



Original Color

222.7990, -18.6349, 3.6843

Protanomaly

223.0170, -19.2354, 9.6321

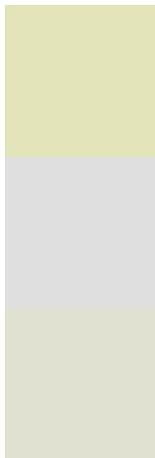
Deuteranomaly

225.3430, -16.9311, 17.2392

Tritanomaly

225.5230, -3.2158, 4.8033

Monochromacy



Original Color

222.7990, -18.6349, 3.6843

Achromatopsia

223.0000, 0.0000, 0.0000

Achromatomaly

222.8770, -6.8414, 0.9849

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.7990, -18.6349, 3.6843 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(227, 228, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 228, 185)  
}
```

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(227, 228, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 228, 185) }
```

Border

The CSS property to change the border of an element to YUV 222.7990, -18.6349, 3.6843 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(227, 228, 185) }
```


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

```
.border{ border-color:rgb(227, 228, 185) }
```

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

Here you see how a box with a 4 pixel rgb(227, 228, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 228, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 228, 185);  
box-shadow:4px 4px 4px 4px rgb(227, 228,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 222.7990, -18.6349, 3.6843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 228, 185) }
```

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

```
.background{ background-color: rgb(227,  
228, 185) }
```

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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