

Converting Colors

YUV(210.7390, -17.6193,
4.6139)

Have a look what the booklet for
YUV(210.7390, -17.6193, 4.6139)
contains.

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Color

**YUV(210.7390, -17.6193,
4.6139)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8D7AF |
| RGB | 216, 215, 175 |
| RGB Percent | 85%, 84%, 69% |
| CMY | 0.1529, 0.1569, 0.3137 |
| CMYK | 0.00, 0.00, 0.19, 0.15 |
| HSL | 59°, 34%, 77% |
| HSV | 59°, 19%, 85% |
| XYZ | 60.3572, 66.2950, 50.1725 |
| YIQ | 210.7390, 13.4360, -12.2280 |

Conversions

Conversions Part 2

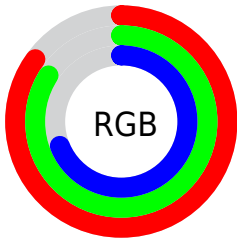
| Format | Color |
|-------------------------------------|--|
| RYB | 176, 216, 175 |
| Decimal | 14210991 |
| CIELab | 85.15, -6.21, 19.91 |
| CIELCh | 85, 20.859, 107.319 |
| Yxy | 66.2950, 0.3413, 0.3749 |
| Android (android.graphics.Color) | 4292401071 (0xFFD8D7AF) |
| YUV | 210.7390, -17.6193, 4.6139 |
| Hunter-Lab | 81.4217, -10.1675, 20.4604 |

Details

The YUV color $210.7390, -17.6193, 4.6139$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $180.2610, 17.6193, -4.6139$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.2640, -10.4832, 2.3995$, and $155.9670, -16.7457, 4.4139$ is the 20% darker color. If you saturate the color by 10%, you get $207.6440, -26.9395, 7.3282$, and if you desaturate by 10%, it is $213.8340, -8.2992, 1.8996$.

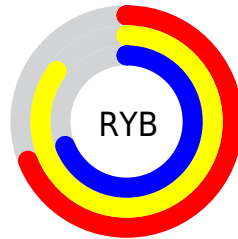
Distribution



Red (85%)

Green (84%)

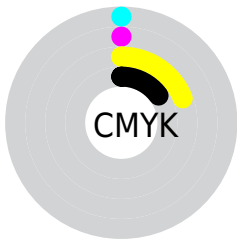
Blue (69%)



Red (69%)

Yellow (85%)

Blue (69%)

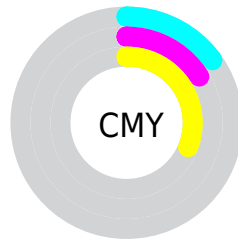


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7390, -17.6193, 4.6139 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 210.7390, -17.6193, 4.6139 by changing the saturation by 10% instead.

■ 210.7390,
-17.6193, 4.6139

■ 210.7390,
-17.6193, 4.6139

255.0000, 0.0000,
0.0000

■ 182.8530,
-17.1825, 4.5139

■ 252.2640,
-10.4832, 2.3995

■ 155.9670,
-16.7457, 4.4139

■ 129.7820,
-16.1615, 3.6992

■ 104.8960,
-15.7247, 3.5992

■ 80.7110, -15.1405,
2.8845

■ 57.6400, -14.1195,
2.0697

■ 35.4120, -14.9931,

2.2697

■ 15.6270, -7.7041,
-2.3039

■ 0.0000, 0.0000,
0.0000

■ 210.7390,
-17.6193, 4.6139

■ 210.7390,
-17.6193, 4.6139

■ 207.6440,
-26.9395, 7.3282

■ 213.8340, -8.2992,
1.8996

■ 205.2500,
-36.1123, 9.4277

■ 216.2280, 0.8736,
-0.2000

■ 202.1550,
-45.4324, 12.1421

■ 219.3230, 10.1938,
-2.9143

■ 199.7610,
-54.6052, 14.2416

■ 221.0330, 16.7457,
-4.4139

■ 196.6660,
-63.9253, 16.9559

■ 221.6200, 16.4563,
-4.9287

■ 194.1580,
-73.5349, 19.1554

■ 222.2070, 16.1669,
-5.4435

■ 191.1770,
-82.4183, 21.7698

■ 222.7940, 15.8776,
-5.9583

■ 188.6690,
-92.0278, 23.9693

■ 188.4410,
-92.9014, 24.1692

Harmonies

Analogous

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



213.1970, -18.8311, 19.9982



210.7390, -17.6193, 4.6139



208.0510, -10.8711, -13.1997

Triad

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



210.7390, -17.6193, 4.6139



206.5250, 16.9962, -38.1714



216.5610, 2.6814, 26.6950

Complementary

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



210.7390, -17.6193, 4.6139



180.2610, 17.6193, -4.6139

Split Complementary

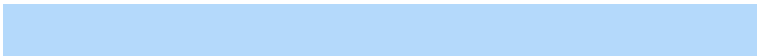
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.8780, 11.8921, 12.3850



210.7390, -17.6193, 4.6139



209.8130, 20.3052, -26.1460

Square

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



210.7390, -17.6193, 4.6139



205.1630, 9.2866, -38.7310



213.6520, 17.9196, -7.5878



215.7870, -6.7970, 33.5128

Rectangle

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



210.7390, -17.6193, 4.6139



206.8800, -4.8708, -24.4508



213.6520, 17.9196, -7.5878



216.6360, 5.6025, 23.1212

Sweetspot

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



210.7390, -17.6193, 4.6139



253.2900, -6.5520, 1.4997



187.3730, -5.6069, 25.1059



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.



210.7390, -17.6193, 4.6139



247.6870, -25.4817, 6.4135



205.6450, -15.1080, -7.5817



105.7460, -4.8048, 1.0998



149.1580, -73.5349, 19.1554



37.5110, -18.4929, 4.8139

Inverse Universe

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



180.2610, 17.6193, -4.6139



203.9000, 25.1923, -6.9283



185.3550, 15.1080, 7.5817



97.8410, 4.5154, -1.6146



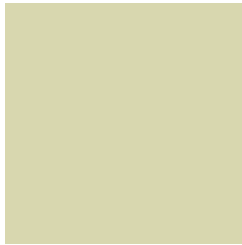
21.8420, 73.5349, -19.1554



5.4890, 18.4929, -4.8139

Previews

White Background



This preview shows how the YUV color 210.7390, -17.6193, 4.6139 looks on a white background.

Color Contrast Check

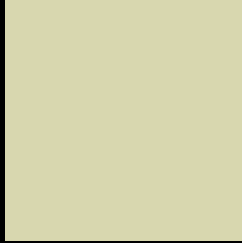
Large Text (above 18pt) WCAG AA × Fail

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 210.7390, -17.6193, 4.6139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

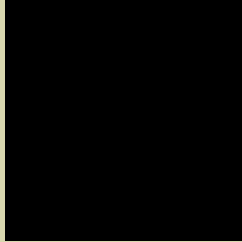
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

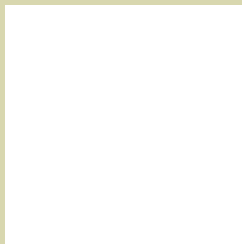
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.7390, -17.6193, 4.6139

Background



This preview shows how black text looks on a background with the YUV color 210.7390, -17.6193, 4.6139.



This preview shows how white text looks on a background with the YUV color 210.7390, -17.6193,

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

210.7390, -17.6193, 4.6139

Protanopia

211.5550, -18.5146, 11.7913

Deuteranopia

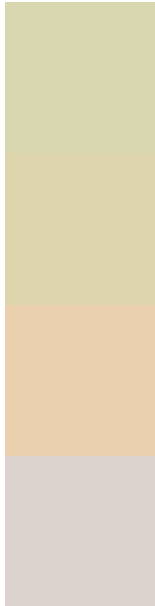
213.4800, -17.9846, 28.5200



Tritanopia

214.4230, 5.2145, 7.5220

Trichromacy



Original Color

210.7390, -17.6193, 4.6139

Protanomaly

211.2450, -18.3618, 9.4321

Deuteranomaly

212.4250, -17.9575, 19.7983

Tritanomaly

213.2350, -3.0739, 5.9329

Monochromacy



Original Color

210.7390, -17.6193, 4.6139

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.7030, -6.2626, 2.0145

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7390, -17.6193, 4.6139 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(216, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(216, 215, 175)  
}
```

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(216, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 215, 175) }
```

Border

The CSS property to change the border of an element to YUV 210.7390, -17.6193, 4.6139 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(216, 215, 175) }
```


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

```
.border{ border-color:rgb(216, 215, 175) }
```

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

Here you see how a box with a 4 pixel rgb(216, 215, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(216, 215,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 210.7390, -17.6193, 4.6139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 215, 175) }
```

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

```
.background{ background-color: rgb(216,  
215, 175) }
```

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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