

Converting Colors

YUV(217.7630, -24.0402,
10.7318)

Have a look what the booklet for
YUV(217.7630, -24.0402, 10.7318)
contains.

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Color

**YUV(217.7630, -24.0402,
10.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DDA9
RGB	230, 221, 169
RGB Percent	90%, 87%, 66%
CMY	0.0980, 0.1333, 0.3373
CMYK	0.00, 0.04, 0.27, 0.10
HSL	51°, 55%, 78%
HSV	51°, 27%, 90%
XYZ	65.6510, 71.4005, 47.8576
YIQ	217.7630, 22.0560, -14.2640

Conversions

Conversions Part 2

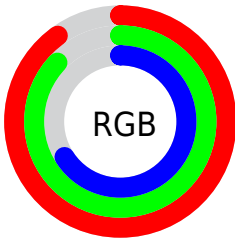
Format	Color
RYB	180, 230, 169
Decimal	15130025
CIELab	87.68, -4.91, 26.69
CIELCh	88, 27.141, 100.426
Yxy	71.4005, 0.3550, 0.3861
Android (android.graphics.Color)	4293320105 (0xFFE6DDA9)
YUV	217.7630, -24.0402, 10.7318
Hunter-Lab	84.4988, -9.1880, 25.5691

Details

The YUV color **217.7630, -24.0402, 10.7318** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **181.2370, 24.0402, -10.7318**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, -13.5407, 3.0993**, and **162.8060, -22.5824, 9.8171** is the 20% darker color. If you saturate the color by 10%, you get **213.3800, -33.2183, 14.5757**, and if you desaturate by 10%, it is **222.1460, -14.8620, 6.8880**.

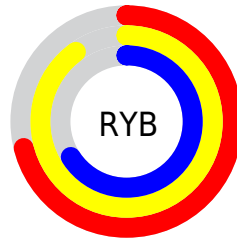
Distribution



Red (90%)

Green (87%)

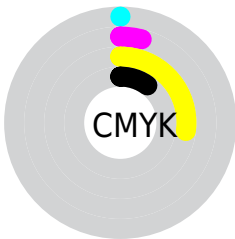
Blue (66%)



Red (71%)

Yellow (90%)

Blue (66%)

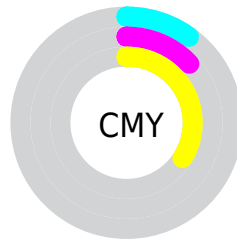


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (10%)



Cyan (10%)

Magenta (13%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.7630, -24.0402, 10.7318 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 217.7630, -24.0402, 10.7318 by changing the saturation by 10% instead.

■ 217.7630,
-24.0402, 10.7318

■ 217.7630,
-24.0402, 10.7318

■ 255.0000, 0.0000,
0.0000

■ 189.8770,
-23.6034, 10.6319

■ 251.4660,
-13.5407, 3.0993

■ 162.8060,
-22.5824, 9.8171

■ 254.7720, -0.8736,
0.2000

■ 136.6210,
-21.9982, 9.1024

■ 110.5500,
-20.9771, 8.2877

■ 86.3650, -20.3929,
7.5729

■ 62.7670, -20.0981,
6.3433

■ 40.1800, -19.8087,

6.8581

■ 21.2640, -10.4832,
2.3995

■ 0.0000, 0.0000,
0.0000

■ 217.7630,
-24.0402, 10.7318

■ 217.7630,
-24.0402, 10.7318

■ 213.3800,
-33.2183, 14.5757

■ 222.1460,
-14.8620, 6.8880

■ 208.4100,
-42.1071, 18.9344

■ 227.1160, -5.9732,
2.5293

■ 204.0270,
-51.2853, 22.7783

■ 231.4990, 3.2050,
-1.3146

■ 199.0570,
-60.1741, 27.1370

■ 235.7850, 9.4730,
-5.0734

■ 194.6740,
-69.3523, 30.9809

■ 237.5460, 8.6048,
-6.6178

■ 190.2910,
-78.5305, 34.8248

■ 239.3070, 7.7366,
-8.1622

■ 185.3210,
-87.4193, 39.1835

■ 241.6550, 6.5791,
-10.2214

■ 183.8220,
-90.6242, 40.4981

■ 243.4160, 5.7109,
-11.7658

■ 245.7640, 4.5533,
-13.8250

Harmonies

Analogous

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



219.9980, -23.6630, 29.8198



217.7630, -24.0402, 10.7318



214.4550, -16.9863, -11.8000

Triad

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



217.7630, -24.0402, 10.7318



209.7510, 20.8288, -54.1556



222.5380, 7.6228, 28.4692

Complementary

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



217.7630, -24.0402, 10.7318



181.2370, 24.0402, -10.7318

Split Complementary

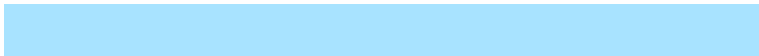
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



222.6050, 15.9707, 10.8704



217.7630, -24.0402, 10.7318



212.5510, 20.9274, -39.0712

Square

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



217.7630, -24.0402, 10.7318



209.0860, 9.3246, -50.9414



217.7220, 18.3781, -14.6652



218.4000, -3.1552, 32.0982

Rectangle

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



217.7630, -24.0402, 10.7318



212.4190, -9.0806, -27.5545



217.7220, 18.3781, -14.6652



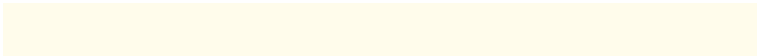
224.3250, 10.6858, 26.0250

Sweetspot

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



217.7630, -24.0402, 10.7318



250.9590, -7.8678, 3.5440



188.2650, -5.0606, 36.6016



125.3440, -5.0996, 2.3293



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.



217.7630, -24.0402, 10.7318



238.6080, -32.3447, 14.3758



216.7670, -23.5491, -6.8117



112.4580, -4.6628, 2.2293



142.7450, -70.3733, 31.7956



40.4900, -19.9616, 9.2173

Inverse Universe

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



181.2370, 24.0402, -10.7318



189.3920, 32.3447, -14.3758



182.2330, 23.5491, 6.8117



105.5420, 4.6628, -2.2293



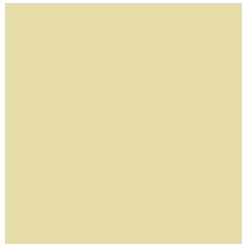
35.6680, 70.6627, -31.2808



10.5100, 19.9616, -9.2173

Previews

White Background



This preview shows how the YUV color 217.7630, -24.0402, 10.7318 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 217.7630, -24.0402, 10.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

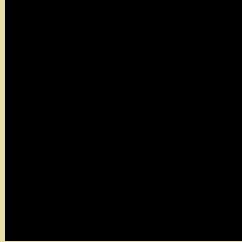
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.7630, -24.0402, 10.7318

Background



This preview shows how black text looks on a background with the YUV color 217.7630, -24.0402, 10.7318.



This preview shows how white text looks on a background with the YUV color 217.7630, -24.0402, 10.7318.

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

217.7630, -24.0402, 10.7318

Protanopia

217.9700, -24.6352, 14.9353

Deuteranopia

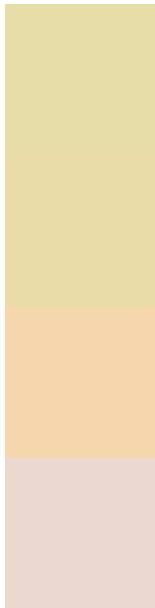
220.6390, -22.5000, 30.1346



Tritanopia

222.4130, 3.7404, 13.6698

Trichromacy



Original Color

217.7630, -24.0402, 10.7318

Protanomaly

217.9590, -24.6298, 13.1910

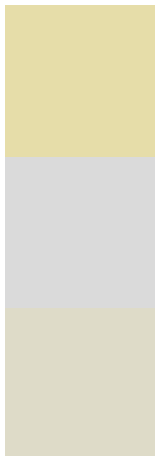
Deuteranomaly

219.4810, -22.9151, 23.2572

Tritanomaly

220.7690, -6.2951, 12.4806

Monochromacy



Original Color

217.7630, -24.0402, 10.7318

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.7310, -8.7414, 3.7439

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.7630, -24.0402, 10.7318 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(230, 221, 169)` looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 169)  
}
```

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(230, 221, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 169) }
```

Border

The CSS property to change the border of an element to YUV 217.7630, -24.0402, 10.7318 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(230, 221, 169) }
```


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

```
.border{ border-color:rgb(230, 221, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 221, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 169);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 217.7630, -24.0402, 10.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 169) }
```

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

```
.background{ background-color: rgb(230,  
221, 169) }
```

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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