

Converting Colors

YUV(222.3230, -10.0192,
-6.4223)

Have a look what the booklet for
YUV(222.3230, -10.0192, -6.4223)
contains.

YUV(222.3230, -10.0192, -6.4223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(222.3230, -10.0192,
-6.4223)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E6CA
RGB	215, 230, 202
RGB Percent	84%, 90%, 79%
CMY	0.1569, 0.0980, 0.2078
CMYK	0.07, 0.00, 0.12, 0.10
HSL	92°, 36%, 85%
HSV	92°, 12%, 90%
XYZ	66.9818, 75.3050, 66.8821
YIQ	222.3230, 0.0480, -11.8880

Conversions

Conversions Part 2

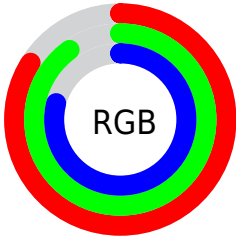
Format	Color
R_{YB}	202, 230, 217
Decimal	14149322
CIE Lab	89.54, -9.95, 11.95
CIE LCh	90, 15.545, 129.783
Yxy	75.3050, 0.3202, 0.3600
Android (android.graphics.Color)	4292339402 (0xFFD7E6CA)
YUV	222.3230, -10.0192, -6.4223
Hunter-Lab	86.7784, -14.0832, 15.0488

Details

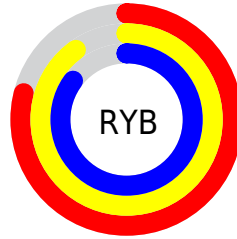
The YUV color $222.3230, -10.0192, -6.4223$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $209.6770, 10.0192, 6.4223$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $167.4370, -9.5824, -6.5222$ is the 20% darker color. If you saturate the color by 10%, you get $216.1130, -18.2967, -11.5001$, and if you desaturate by 10%, it is $228.5330, -1.7418, -1.3444$.

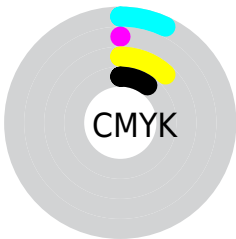
Distribution



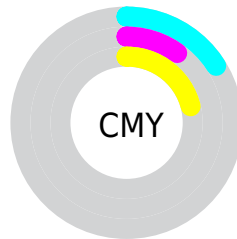
- Red (84%)
- Green (90%)
- Blue (79%)



- Red (79%)
- Yellow (90%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.3230, -10.0192, -6.4223 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 222.3230, -10.0192, -6.4223 by changing the saturation by 10% instead.

■ 222.3230,
-10.0192, -6.4223

■ 222.3230,
-10.0192, -6.4223

255.0000, 0.0000,
0.0000

■ 194.4370, -9.5824,
-6.5222

■ 167.4370, -9.5824,
-6.5222

■ 140.8500, -9.2930,
-6.0074

■ 115.2630, -9.0037,
-5.4927

■ 90.3770, -8.5669,
-5.5926

■ 66.9040, -7.8407,
-5.1778

■ 45.0180, -7.4039,

-5.2778

■ 23.8610, -9.2985,
-4.2631

■ 0.0000, 0.0000,
0.0000

■ 222.3230,
-10.0192, -6.4223

■ 222.3230,
-10.0192, -6.4223

■ 216.1130,
-18.2967, -11.5001

■ 228.5330, -1.7418,
-1.3444

■ 209.6040,
-26.4268, -17.1927

■ 235.0420, 6.3883,
4.3482

■ 203.3940,
-34.7042, -22.2705

■ 239.4280, 7.6770,
11.0256

■ 197.1840,
-42.9817, -27.3484

■ 240.3250, 7.2348,
12.8700

■ 190.6750,
-51.1118, -33.0410

■ 184.4650,
-59.3892, -38.1188

■ 178.2550,
-67.6667, -43.1966

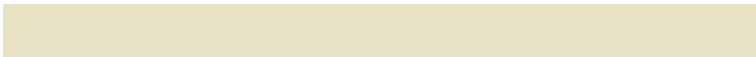
■ 171.7460,
-75.7968, -48.8892

■ 167.0030,
-82.3325, -52.6226

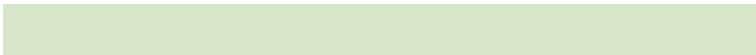
Harmonies

Analogous

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



224.3740, -13.9884, 6.6880



222.3230, -10.0192, -6.4223



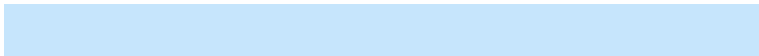
220.6680, -3.2873, -19.0028

Triad

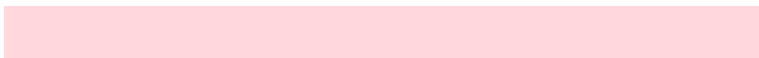
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222.3230, -10.0192, -6.4223



222.3530, 14.6160, -21.3576



227.6440, -3.2755, 23.9912

Complementary

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



222.3230, -10.0192, -6.4223



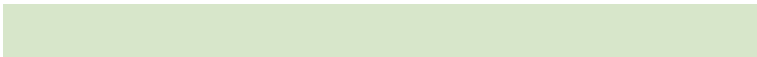
209.6770, 10.0192, 6.4223

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.



228.1470, 3.8715, 18.2881



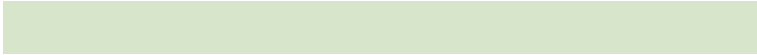
222.3230, -10.0192, -6.4223



225.3160, 14.1412, -9.0471

Square

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



222.3230, -10.0192, -6.4223



220.6850, 11.0013, -28.6647



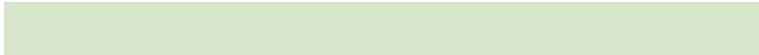
227.3780, 10.1666, 5.8075



227.2220, -9.9694, 24.3613

Rectangle

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



222.3230, -10.0192, -6.4223



220.0030, 1.9705, -25.4356



227.3780, 10.1666, 5.8075



228.2140, -1.0915, 23.4913

Sweetspot

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



222.3230, -10.0192, -6.4223



252.3650, -3.6309, -2.0741



219.1770, -8.4683, 9.4918



126.0060, -2.4680, -1.7593



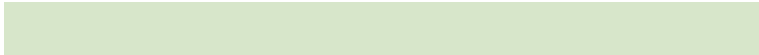
0.0000, 0.0000, 0.0000



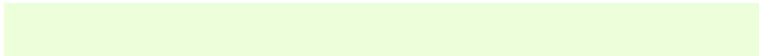
128.0000, 0.0000, 0.0000

Same Dimension

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



222.3230, -10.0192, -6.4223



244.6880, -13.6502, -8.4964



218.5500, -7.6661, -14.5143



111.8380, -4.3571, -2.4889



129.8900, -64.0358, -41.1225



37.1130, -18.2967, -11.5001

Inverse Universe

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



209.6770, 10.0192, 6.4223



227.3120, 13.6502, 8.4964



213.4500, 7.6662, 14.5144



106.1620, 4.3571, 2.4889



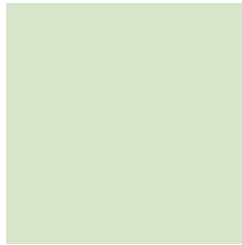
49.1100, 64.0358, 41.1225



13.8870, 18.2967, 11.5001

Previews

White Background



This preview shows how the YUV color 222.3230, -10.0192, -6.4223 looks on a white background.

Color Contrast Check

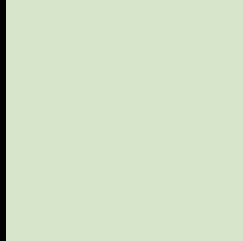
Large Text (above 18pt) WCAG AA × Fail

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 222.3230, -10.0192, -6.4223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

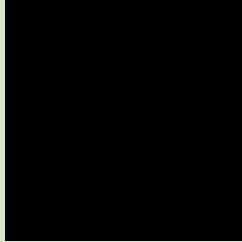
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

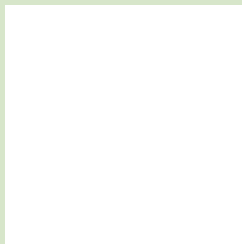
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.3230, -10.0192, -6.4223

Background



This preview shows how black text looks on a background with the YUV color 222.3230, -10.0192, -6.4223.



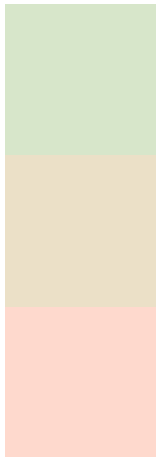
This preview shows how white text looks on a background with the YUV color 222.3230, -10.0192, -6.4223.

-6.4223.

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

222.3230, -10.0192, -6.4223

Protanopia

224.4390, -12.5414, 9.2620

Deuteranopia

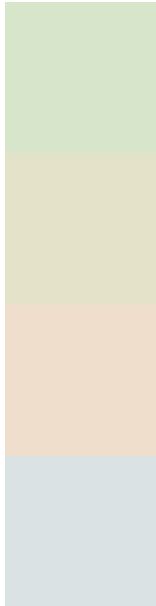
226.6950, -10.6956, 23.9465



Tritanopia

225.1550, 8.3046, -3.6439

Trichromacy



Original Color

222.3230, -10.0192, -6.4223

Protanomaly

223.6340, -11.6516, 3.8290

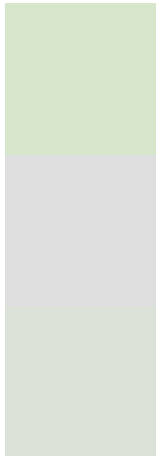
Deuteranomaly

225.3300, -10.5157, 12.8656

Tritanomaly

224.0210, 1.4686, -4.4034

Monochromacy



Original Color

222.3230, -10.0192, -6.4223

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0660, -3.4835, -2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.3230, -10.0192, -6.4223 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(215, 230, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 230, 202)  
}
```

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(215, 230, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 230, 202) }
```

Border

The CSS property to change the border of an element to YUV 222.3230, -10.0192, -6.4223 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(215, 230, 202) }
```


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

```
.border{ border-color:rgb(215, 230, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 230, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 230, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 230, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 230,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 222.3230, -10.0192, -6.4223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 230, 202) }
```

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

```
.background{ background-color: rgb(215,  
230, 202) }
```

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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