

Converting Colors

YUV(232.2530, -10.4777,
0.6551)

Have a look what the booklet for
YUV(232.2530, -10.4777, 0.6551)
contains.

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Color

**YUV(232.2530, -10.4777,
0.6551)**

Conversions

Conversions Part 1

Format	Color
Hex	E9ECD3
RGB	233, 236, 211
RGB Percent	91%, 93%, 83%
CMY	0.0863, 0.0745, 0.1725
CMYK	0.01, 0.00, 0.11, 0.07
HSL	67°, 40%, 88%
HSV	67°, 11%, 93%
XYZ	75.3576, 82.0177, 73.4872
YIQ	232.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

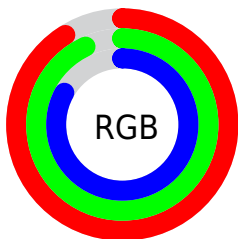
Format	Color
RYB	211, 236, 214
Decimal	15330515
CIELab	92.58, -5.26, 11.78
CIElCh	93, 12.898, 114.057
Yxy	82.0177, 0.3264, 0.3553
Android (android.graphics.Color)	4293520595 (0xFFE9ECD3)
YUV	232.2530, -10.4777, 0.6551
Hunter-Lab	90.5636, -9.9573, 15.2841

Details

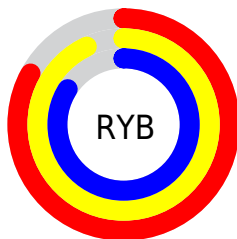
The YUV color $232.2530, -10.4777, 0.6551$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $214.7470, 10.4777, -0.6551$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $176.3670, -10.0409, 0.5551$ is the 20% darker color. If you saturate the color by 10%, you get $228.6200, -20.5187, 1.2103$, and if you desaturate by 10%, it is $235.8860, -0.4368, 0.1000$.

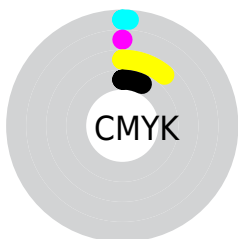
Distribution



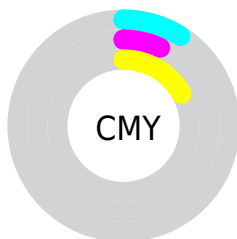
- Red (91%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (9%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.2530, -10.4777, 0.6551 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 232.2530, -10.4777, 0.6551 by changing the saturation by 10% instead.

■ 232.2530,
-10.4777, 0.6551

■ 232.2530,
-10.4777, 0.6551

255.0000, 0.0000,
0.0000

■ 204.2530,
-10.4777, 0.6551

■ 176.3670,
-10.0409, 0.5551

■ 149.7800, -9.7515,
1.0699

■ 124.4810, -9.6041,
0.4552

■ 99.5950, -9.1673,
0.3552

■ 75.7090, -8.7305,
0.2552

■ 52.8230, -8.2937,

0.1552

■ 30.9370, -7.8569,
0.0553

■ 7.9300, -3.9095,
-6.0776

■ 232.2530,
-10.4777, 0.6551

■ 232.2530,
-10.4777, 0.6551

■ 228.6200,
-20.5187, 1.2103

■ 235.8860, -0.4368,
0.1000

■ 225.1010,
-30.1228, 1.6654

■ 239.0630, 7.8569,
-0.0553

■ 221.7670,
-40.3111, 2.8353

■ 239.6610, 7.5621,
1.1743

■ 218.2480,
-49.9153, 3.2905

■ 240.5580, 7.1199,
3.0186

■ 214.6150,
-59.9562, 3.8456

■ 241.4550, 6.6777,
4.8630

■ 210.9820,
-69.9971, 4.4008

■ 242.3520, 6.2355,
6.7073

■ 207.4630,
-79.6013, 4.8559

■ 243.2490, 5.7932,
8.5516

■ 203.8300,
-89.6422, 5.4111

■ 243.8470, 5.4984,
9.7812

■ 200.7240,
-98.9569, 6.3811

Harmonies

Analogous

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



233.8630, -12.2575, 11.5211



232.2530, -10.4777, 0.6551



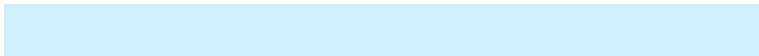
230.7400, -5.7878, -10.2960

Triad

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



232.2530, -10.4777, 0.6551



231.0280, 10.8322, -21.0726



235.9250, 0.5300, 16.7288

Complementary

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



232.2530, -10.4777, 0.6551



214.7470, 10.4777, -0.6551

Split Complementary

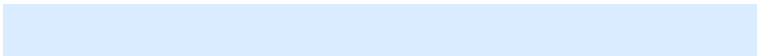
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.2600, 5.7878, 10.2960



232.2530, -10.4777, 0.6551



232.7840, 10.9525, -12.9656

Square

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



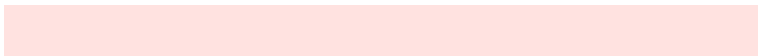
232.2530, -10.4777, 0.6551



229.8660, 6.4751, -23.5615



234.3340, 10.1883, -1.1699



234.4430, -5.1484, 18.0285

Rectangle

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



232.2530, -10.4777, 0.6551



230.3200, -2.1298, -16.9436



234.3340, 10.1883, -1.1699



236.3810, 2.2772, 16.3289

Sweetspot

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



232.2530, -10.4777, 0.6551



253.7890, -3.3470, 0.1850



220.2360, -4.5533, 13.8250



127.0170, -2.4734, -0.0149



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.



232.2530, -10.4777, 0.6551



250.0420, -13.8247, 0.8402



228.6650, -8.7088, -6.7222



115.4470, -4.6574, 0.4850



153.7880, -75.8175, 4.5709



45.7510, -22.5552, 1.0954

Inverse Universe

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



214.7470, 10.4777, -0.6551



226.9580, 13.8247, -0.8402



218.3350, 8.7088, 6.7222



107.5530, 4.6574, -0.4850



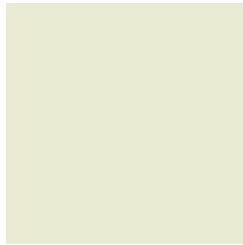
27.2120, 75.8175, -4.5709



7.9500, 22.7026, -1.7102

Previews

White Background



This preview shows how the YUV color 232.2530, -10.4777, 0.6551 looks on a white background.

Color Contrast Check

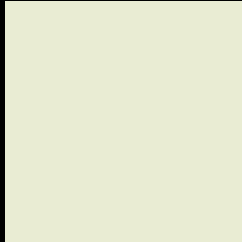
Large Text (above 18pt) WCAG AA × Fail

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 232.2530, -10.4777, 0.6551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

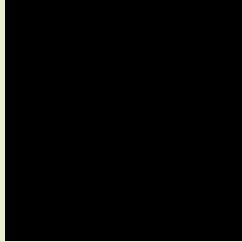
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

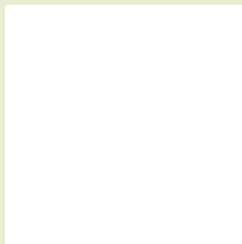
Any Text WCAG AAA ✓ Pass

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

YUV 232.2530, -10.4777, 0.6551 Background



This preview shows how black text looks on a background with the YUV color 232.2530, -10.4777, 0.6551.



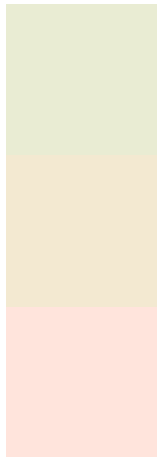
This preview shows how white text looks on a background with the YUV color 232.2530, -10.4777,

0.6551.

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

232.2530, -10.4777, 0.6551

Protanopia

233.2540, -11.9572, 8.5472

Deuteranopia

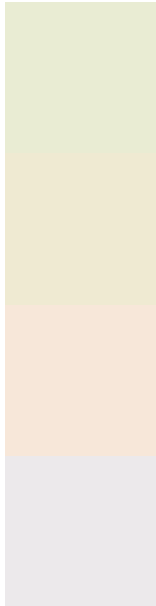
235.1610, -7.4744, 17.3988



Tritanopia

235.1450, 6.8305, 2.5038

Trichromacy



Original Color

232.2530, -10.4777, 0.6551

Protanomaly

232.7590, -11.2202, 5.4734

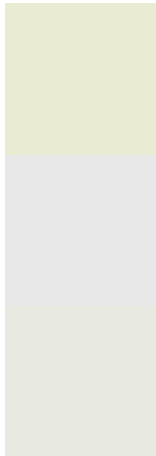
Deuteranomaly

234.1880, -8.4737, 11.2361

Tritanomaly

234.1250, 0.4314, 1.6444

Monochromacy



Original Color

232.2530, -10.4777, 0.6551

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.6750, -3.7838, 0.2850

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.2530, -10.4777, 0.6551 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(233, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 211)  
}
```

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(233, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 211) }
```

Border

The CSS property to change the border of an element to YUV 232.2530, -10.4777, 0.6551 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(233, 236, 211) }
```


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

```
.border{ border-color:rgb(233, 236, 211) }
```

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

Here you see how a box with a 4 pixel rgb(233, 236, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 232.2530, -10.4777, 0.6551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 211) }
```

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

```
.background{ background-color: rgb(233,  
236, 211) }
```

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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