

Converting Colors

YUV(221.6180, -10.6577,
11.7360)

Have a look what the booklet for
YUV(221.6180, -10.6577, 11.7360)
contains.

YUV(221.6180, -10.6577, 11.7360)	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(221.6180, -10.6577,
11.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBC8
RGB	235, 219, 200
RGB Percent	92%, 86%, 78%
CMY	0.0784, 0.1412, 0.2157
CMYK	0.00, 0.07, 0.15, 0.08
HSL	33°, 47%, 85%
HSV	33°, 15%, 92%
XYZ	70.0178, 72.4953, 64.9462
YIQ	221.6180, 15.6350, -2.5170

Conversions

Conversions Part 2

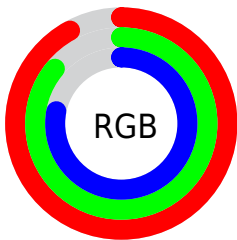
Format	Color
R _Y B	229, 235, 200
Decimal	15457224
CIE Lab	88.21, 2.41, 11.31
CIE LCh	88, 11.564, 77.992
Yxy	72.4953, 0.3375, 0.3494
Android (android.graphics.Color)	4293647304 (0xFFEBDBC8)
YUV	221.6180, -10.6577, 11.7360
Hunter-Lab	85.1442, -2.2140, 14.3757

Details

The YUV color $221.6180, -10.6577, 11.7360$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $213.3820, 10.6577, -11.7360$, 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 $166.4330, -10.0735, 11.0213$ is the 20% darker color. If you saturate the color by 10%, you get $212.5390, -17.5207, 19.6983$, and if you desaturate by 10%, it is $230.6970, -3.7946, 3.7737$.

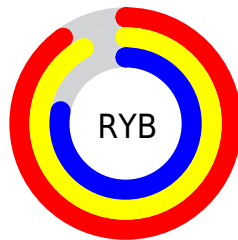
Distribution



Red (92%)

Green (86%)

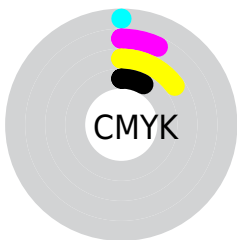
Blue (78%)



Red (90%)

Yellow (92%)

Blue (78%)

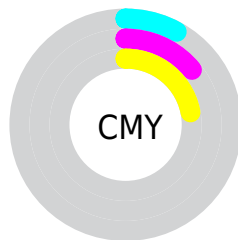


Cyan (0%)

Magenta (7%)

Yellow (15%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.6180, -10.6577, 11.7360 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 221.6180, -10.6577, 11.7360 by changing the saturation by 10% instead.

■ 221.6180,
-10.6577, 11.7360

■ 221.6180,
-10.6577, 11.7360

255.0000, 0.0000,
0.0000

■ 193.7320,
-10.2209, 11.6360

■ 166.4330,
-10.0735, 11.0213

■ 140.1340, -9.9261,
10.4065

■ 114.3620, -9.0525,
10.2065

■ 90.0630, -8.9051,
9.5917

■ 66.7640, -8.7577,
8.9770

■ 44.2800, -8.0260,

7.6474

■ 23.1230, -9.9206,
8.6621

■ 0.0000, 0.0000,
0.0000

■ 221.6180,
-10.6577, 11.7360

■ 221.6180,
-10.6577, 11.7360

■ 212.5390,
-17.5207, 19.6983

■ 230.6970, -3.7946,
3.7737

■ 203.9330,
-25.1100, 27.2458

■ 239.3030, 3.7946,
-3.7737

■ 194.8540,
-31.9730, 35.2080

■ 246.6720, 4.1057,
-10.2363

■ 185.6610,
-39.2729, 43.2703

■ 249.0200, 2.9481,
-12.2955

■ 176.4680,
-46.5727, 51.3326

■ 167.9760,
-53.7252, 58.7800

■ 158.7830,
-61.0250, 66.8423

■ 149.7040,
-67.8881, 74.8046

■ 145.4010,
-71.6827, 78.5783

Harmonies

Analogous

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



222.8190, -8.7848, 17.6987



221.6180, -10.6577, 11.7360



220.3780, -10.0464, 2.2995

Triad

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



221.6180, -10.6577, 11.7360



217.8340, 5.0118, -20.9024



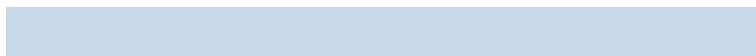
223.3520, 6.2355, 6.7073

Complementary

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



221.6180, -10.6577, 11.7360



213.3820, 10.6577, -11.7360

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.



221.9100, 9.9044, -3.4291



221.6180, -10.6577, 11.7360



218.2840, 9.2270, -19.5431

Square

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



221.6180, -10.6577, 11.7360



218.2600, -1.1142, -16.0140



220.3710, 10.6631, -13.4804



223.4410, 1.2616, 15.3992

Rectangle

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



221.6180, -10.6577, 11.7360



219.6160, -7.6987, -4.0482



220.3710, 10.6631, -13.4804



223.0850, 7.8461, 3.4335

Sweetspot

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



221.6180, -10.6577, 11.7360



250.9250, -2.9210, 3.5738



212.2890, 1.8295, 19.9175



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



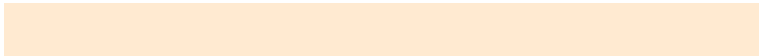
128.0000, 0.0000, 0.0000

Same Dimension

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



221.6180, -10.6577, 11.7360



237.4290, -14.0155, 15.4098



230.7110, -15.1405, 2.8845



112.8110, -3.3578, 3.6738



111.6450, -55.0410, 60.8243



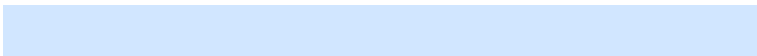
33.1690, -16.3523, 18.2688

Inverse Universe

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



213.3820, 10.6577, -11.7360



226.5710, 14.0155, -15.4098



204.2890, 15.1405, -2.8845



110.1890, 3.3578, -3.6738



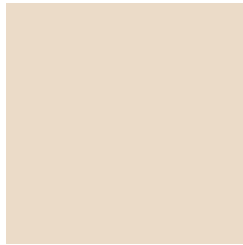
69.3550, 55.0410, -60.8243



20.2440, 16.6417, -17.7540

Previews

White Background



This preview shows how the YUV color 221.6180, -10.6577, 11.7360 looks on a white background.

Color Contrast Check

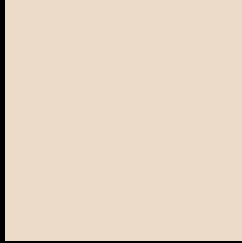
Large Text (above 18pt) WCAG AA × Fail

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 221.6180, -10.6577, 11.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

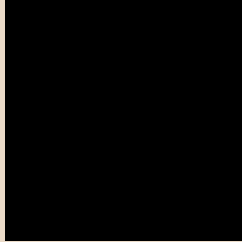
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 221.6180, -10.6577, 11.7360

Background



This preview shows how black text looks on a background with the YUV color 221.6180, -10.6577, 11.7360.



This preview shows how white text looks on a background with the YUV color 221.6180, -10.6577, 11.7360.

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

221.6180, -10.6577, 11.7360

Protanopia

221.4110, -10.0626, 7.5326

Deuteranopia

222.6950, -10.6956, 23.9465



Tritanopia

223.4130, 3.7404, 13.6698

Trichromacy



Original Color

221.6180, -10.6577, 11.7360

Protanomaly

221.4220, -10.0680, 9.2769

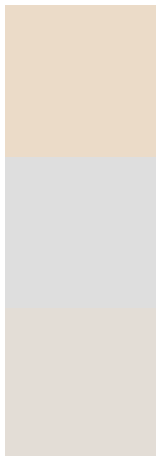
Deuteranomaly

222.3740, -10.5374, 19.8430

Tritanomaly

223.0340, -1.4958, 13.1252

Monochromacy



Original Color

221.6180, -10.6577, 11.7360

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

221.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.6180, -10.6577, 11.7360 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(235, 219, 200)` looks like.

```
.text, #text, p{  
    color:rgb(235, 219, 200)  
}
```

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(235, 219, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 200) }
```

Border

The CSS property to change the border of an element to YUV 221.6180, -10.6577, 11.7360 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(235, 219, 200) }
```


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

```
.border{ border-color:rgb(235, 219, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 219, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 219, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 219, 200); box-shadow:4px 4px 4px 4px rgb(235, 219, 200) }
```

Background

The CSS property to change the background color of an element to YUV 221.6180, -10.6577, 11.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 200) }
```

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

```
.background{ background-color: rgb(235,  
219, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor