

Converting Colors

YUV(227.7380, 0.6222,
-12.9252)

Have a look what the booklet for
YUV(227.7380, 0.6222, -12.9252)
contains.

YUV(227.7380, 0.6222, -12.9252)	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(227.7380, 0.6222,
-12.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	D5EBE5
RGB	213, 235, 229
RGB Percent	84%, 92%, 90%
CMY	0.1647, 0.0784, 0.1020
CMYK	0.09, 0.00, 0.03, 0.08
HSL	164°, 35%, 88%
HSV	164°, 9%, 92%
XYZ	71.2918, 79.2199, 85.6622
YIQ	227.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

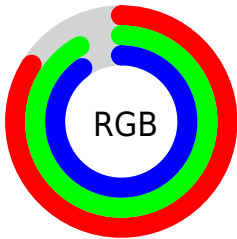
Format	Color
R_{YB}	213, 226, 235
Decimal	14019557
CIE Lab	91.33, -8.35, 0.43
CIE LCh	91, 8.362, 177.077
Yxy	79.2199, 0.3019, 0.3354
Android (android.graphics.Color)	4292209637 (0xFFD5EBE5)
YUV	227.7380, 0.6222, -12.9252
Hunter-Lab	89.0056, -12.7847, 5.2410

Details

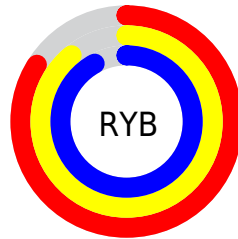
The YUV color $227.7380, 0.6222, -12.9252$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.2620, -0.6222, 12.9252$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.1510, 0.9116, -12.4104$ is the 20% darker color. If you saturate the color by 10%, you get $220.1770, 1.3917, -26.4652$, and if you desaturate by 10%, it is $235.5980, -0.2948, 1.2296$.

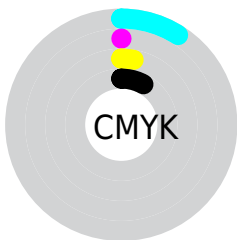
Distribution



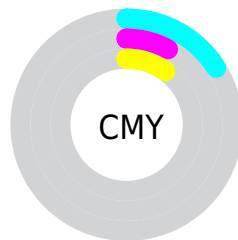
- Red (84%)
- Green (92%)
- Blue (90%)



- Red (84%)
- Yellow (89%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (16%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.7380, 0.6222, -12.9252 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 227.7380, 0.6222, -12.9252 by changing the saturation by 10% instead.

■ 227.7380, 0.6222,
-12.9252

■ 227.7380, 0.6222,
-12.9252

255.0000, 0.0000,
0.0000

■ 199.7380, 0.6222,
-12.9252

■ 172.1510, 0.9116,
-12.4104

■ 145.4500, 0.7642,
-11.7956

■ 120.3360, 0.3274,
-11.6957

■ 95.4500, 0.7642,
-11.7956

■ 71.7490, 0.6167,
-11.1809

■ 49.0480, 0.4693,

-10.5661

■ 27.4610, 0.7587,
-10.0513

■ 5.7390, -0.8573,
-5.0331

■ 227.7380, 0.6222,
-12.9252

■ 227.7380, 0.6222,
-12.9252

■ 220.1770, 1.3917,
-26.4652

■ 235.5980, -0.2948,
1.2296

■ 212.2030, 1.8719,
-40.5200

■ 241.7780, 0.1094,
11.5957

■ 204.6420, 2.6415,
-54.0600

■ 242.4620, 2.7302,
10.9958

■ 196.6680, 3.1217,
-68.1148

■ 243.2600, 5.7878,
10.2960

■ 189.1070, 3.8912,
-81.6548

■ 181.2470, 4.8082,
-95.8096

■ 173.5720, 5.1410,
-109.2496

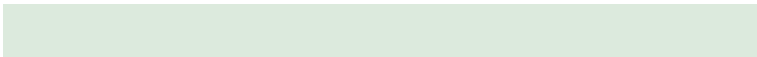
■ 165.7120, 6.0580,
-123.4044

■ 158.0370, 6.3908,
-136.8444

Harmonies

Analogous

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



228.3320, -3.6147, -7.3072



227.7380, 0.6222, -12.9252



228.0520, 4.4114, -14.9546

Triad

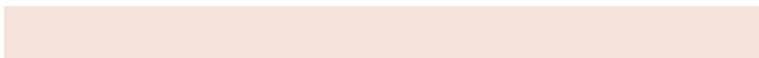
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.7380, 0.6222, -12.9252



230.7210, 6.5465, 0.2447



231.2420, -7.0213, 12.0658

Complementary

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



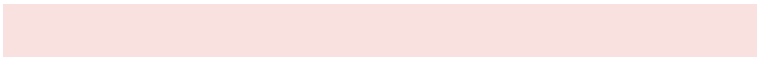
227.7380, 0.6222, -12.9252



220.2620, -0.6222, 12.9252

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.



231.6490, -4.2640, 14.3398



227.7380, 0.6222, -12.9252



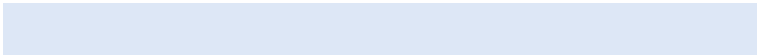
231.6680, 3.6147, 7.3072

Square

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



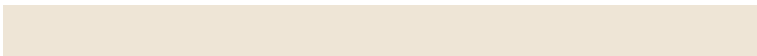
227.7380, 0.6222, -12.9252



229.7200, 8.0260, -7.6474



231.9630, -0.4748, 12.3104



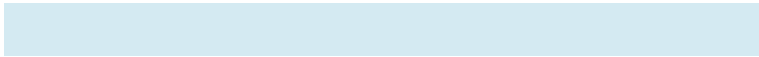
229.9810, -7.8786, 7.0327

Rectangle

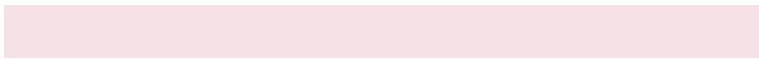
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



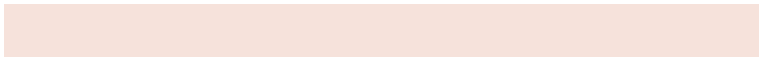
227.7380, 0.6222, -12.9252



228.3340, 6.7373, -14.3249



231.9630, -0.4748, 12.3104



231.1820, -6.0057, 12.9954

Sweetspot

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



227.7380, 0.6222, -12.9252



252.3800, 0.3057, -4.7183



227.7080, -7.2510, -7.6369



125.9780, 0.0108, -3.4887



0.0000, 0.0000, 0.0000



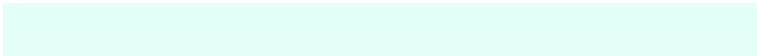
128.0000, 0.0000, 0.0000

Same Dimension

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



227.7380, 0.6222, -12.9252



245.7160, 0.6330, -16.4139



225.4870, 4.6899, -10.9511



113.3690, 0.3111, -6.4626



121.2950, 5.2776, -106.3757



36.1440, 1.4080, -31.6983

Inverse Universe

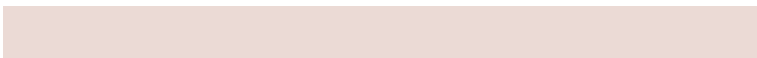
The Inverse Universe completely reimagines the original color for something new.



220.2620, -0.6222, 12.9252



236.2840, -0.6330, 16.4139



222.5130, -4.6899, 10.9511



109.6310, -0.3111, 6.4626



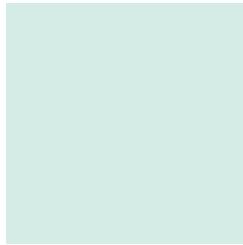
59.7050, -5.2776, 106.3757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 227.7380, 0.6222, -12.9252 looks on a white background.

Color Contrast Check

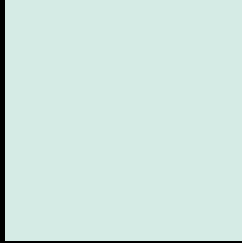
Large Text (above 18pt) WCAG AA × Fail

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 227.7380, 0.6222, -12.9252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

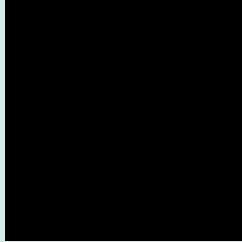
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

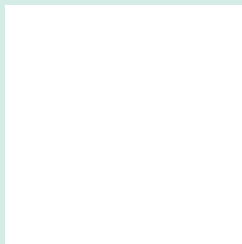
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.7380, 0.6222, -12.9252

Background



This preview shows how black text looks on a background with the YUV color 227.7380, 0.6222, -12.9252.



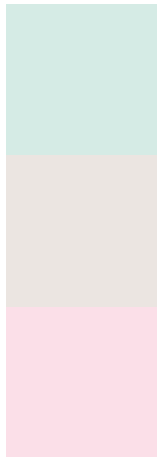
This preview shows how white text looks on a background with the YUV color 227.7380, 0.6222, -12.9252.

-12.9252.

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

227.7380, 0.6222, -12.9252

Protanopia

230.3380, -2.6316, 4.0886

Deuteranopia

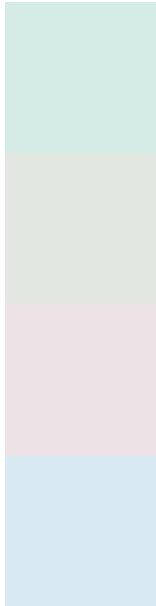
232.3980, -0.1962, 16.3140



Tritanopia

229.5670, 10.0735, -11.0213

Trichromacy



Original Color

227.7380, 0.6222, -12.9252

Protanomaly

229.2340, -1.5944, -1.9592

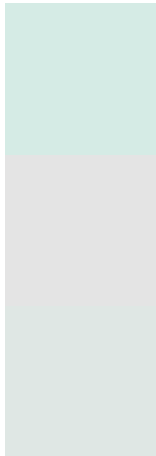
Deuteranomaly

230.4460, 0.2731, 5.7479

Tritanomaly

228.9430, 6.4371, -11.3510

Monochromacy



Original Color

227.7380, 0.6222, -12.9252

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.2660, -0.1311, -4.6183

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.7380, 0.6222, -12.9252 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(213, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(213, 235, 229)  
}
```

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(213, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 235, 229) }
```

Border

The CSS property to change the border of an element to YUV 227.7380, 0.6222, -12.9252 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(213, 235, 229) }
```


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

```
.border{ border-color:rgb(213, 235, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 235, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 235, 229);  
box-shadow:4px 4px 4px 4px rgb(213, 235,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 227.7380, 0.6222, -12.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 235, 229) }
```

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

```
.background{ background-color: rgb(213,  
235, 229) }
```

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