

Converting Colors

YUV(226.7580, 7.0213,
-12.0658)

Have a look what the booklet for
YUV(226.7580, 7.0213, -12.0658)
contains.

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Color

**YUV(226.7580, 7.0213,
-12.0658)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E7F1
RGB	213, 231, 241
RGB Percent	84%, 91%, 95%
CMY	0.1647, 0.0941, 0.0549
CMYK	0.12, 0.04, 0.00, 0.05
HSL	201°, 50%, 89%
HSV	201°, 12%, 95%
XYZ	71.8937, 77.6488, 94.4176
YIQ	226.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

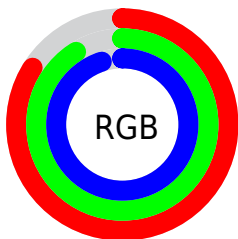
Format	Color
R _Y B	213, 224, 241
Decimal	14018545
CIE Lab	90.62, -4.00, -6.89
CIE LCh	91, 7.968, 239.887
Yxy	77.6488, 0.2947, 0.3183
Android (android.graphics.Color)	4292208625 (0xFFD5E7F1)
YUV	226.7580, 7.0213, -12.0658
Hunter-Lab	88.1186, -8.5740, -1.8453

Details

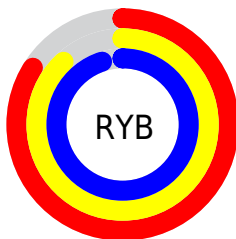
The YUV color $226.7580, 7.0213, -12.0658$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.2420, -7.0213, 12.0658$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.0570, 6.8739, -11.4510$ is the 20% darker color. If you saturate the color by 10%, you get $214.2990, 13.1636, -22.1872$, and if you desaturate by 10%, it is $239.2170, 0.8790, -1.9443$.

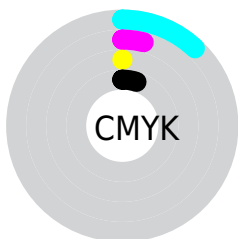
Distribution



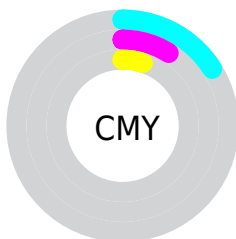
- Red (84%)
- Green (91%)
- Blue (95%)



- Red (84%)
- Yellow (88%)
- Blue (95%)



- Cyan (12%)
- Magenta (4%)
- Yellow (0%)
- Black (5%)



- Cyan (16%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7580, 7.0213, -12.0658 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 226.7580, 7.0213, -12.0658 by changing the saturation by 10% instead.

■ 226.7580, 7.0213,
-12.0658

■ 226.7580, 7.0213,
-12.0658

255.0000, 0.0000,
0.0000

■ 198.7580, 7.0213,
-12.0658

■ 171.0570, 6.8739,
-11.4510

■ 144.9430, 6.4371,
-11.3510

■ 119.2420, 6.2897,
-10.7362

■ 94.2420, 6.2897,
-10.7362

■ 70.5410, 6.1423,
-10.1215

■ 48.1280, 5.8529,

-10.6363

■ 27.0140, 5.4161,
-10.5363

■ 4.8730, 5.9786,
-4.2736

■ 226.7580, 7.0213,
-12.0658

■ 226.7580, 7.0213,
-12.0658

■ 214.2990, 13.1636,
-22.1872

■ 239.2170, 0.8790,
-1.9443

■ 202.4270, 19.0165,
-32.8235

■ 249.2950, -4.0894,
5.0033

■ 189.9680, 25.1588,
-42.9449

■ 253.4040, -6.1152,
1.3997

■ 178.0960, 31.0117,
-53.5812

■ 165.6370, 37.1540,
-63.7026

■ 152.8790, 43.4437,
-74.4389

■ 141.0070, 49.2965,
-85.0751

■ 128.5480, 55.4388,
-95.1966

■ 118.4590, 60.4127,
-103.8885

Harmonies

Analogous

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



225.7640, 4.5533, -13.8250



226.7580, 7.0213, -12.0658



227.9050, 7.4418, -6.9327

Triad

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



226.7580, 7.0213, -12.0658



229.8490, -0.9116, 12.4104



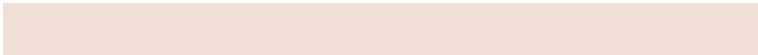
227.0940, -5.9623, -0.9594

Complementary

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



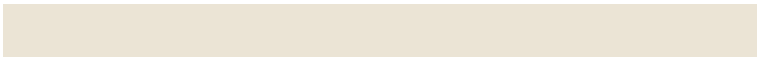
226.7580, 7.0213, -12.0658



227.2420, -7.0213, 12.0658

Split Complementary

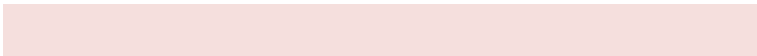
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.3830, -7.5838, 5.8031



226.7580, 7.0213, -12.0658



229.3500, -4.1165, 13.7251

Square

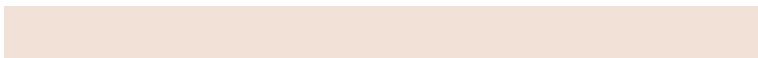
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



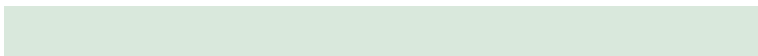
226.7580, 7.0213, -12.0658



229.5540, 3.1779, 7.4071



228.9430, -6.8739, 11.4510



226.1470, -3.0305, -8.0219

Rectangle

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



226.7580, 7.0213, -12.0658



228.7100, 6.5520, -1.4997



228.9430, -6.8739, 11.4510



227.2900, -6.5520, 1.4997

Sweetspot

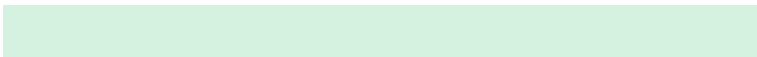
The Sweet Spot groups the original color and five complimentary colors.



226.7580, 7.0213, -12.0658



250.8470, 2.0474, -3.3738



230.5760, -3.7350, -15.4142



125.0320, 1.4632, -2.6591



0.0000, 0.0000, 0.0000



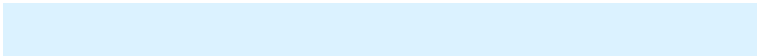
128.0000, 0.0000, 0.0000

Same Dimension

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



226.7580, 7.0213, -12.0658



236.6050, 9.0687, -15.4396



218.5400, 11.0728, -4.8586



114.0640, 2.9264, -5.3181



90.2420, 46.2227, -79.1422



27.5160, 14.0426, -24.1315

Inverse Universe

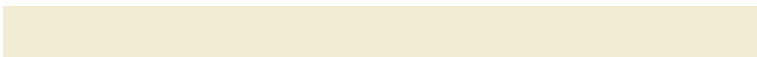
The Inverse Universe completely reimagines the original color for something new.



223.4240, 3.7350, 15.4142



232.3860, 4.7397, 19.8325



235.4600, -11.0728, 4.8586



112.5000, 1.7255, 6.5775



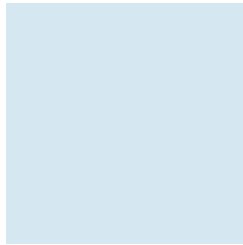
68.4680, 24.4193, 101.3216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 226.7580, 7.0213, -12.0658 looks on a white background.

Color Contrast Check

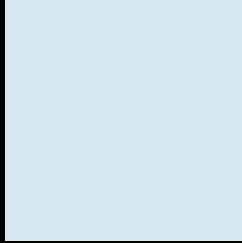
Large Text (above 18pt) WCAG AA × Fail

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 226.7580, 7.0213, -12.0658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

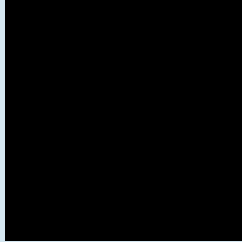
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

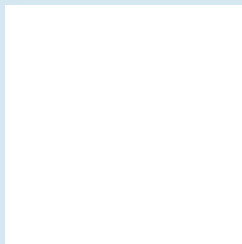
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7580, 7.0213, -12.0658

Background



This preview shows how black text looks on a background with the YUV color 226.7580, 7.0213, -12.0658.



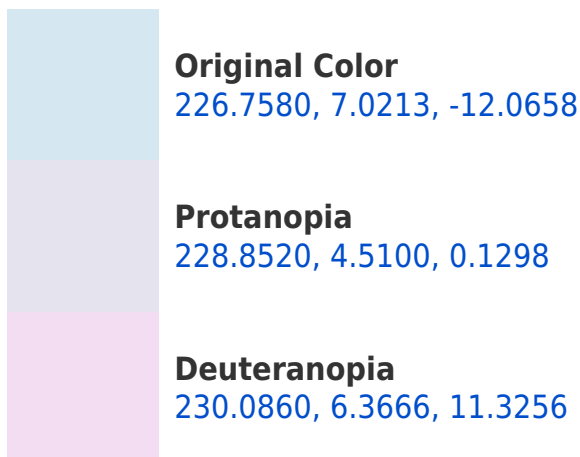
This preview shows how white text looks on a background with the YUV color 226.7580, 7.0213, -12.0658.

-12.0658.

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

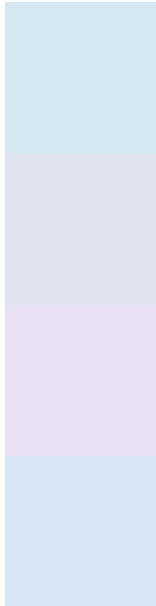




Tritanopia

227.2680, 10.2209, -11.6360

Trichromacy



Original Color

226.7580, 7.0213, -12.0658

Protanomaly

227.7590, 5.5418, -4.1736

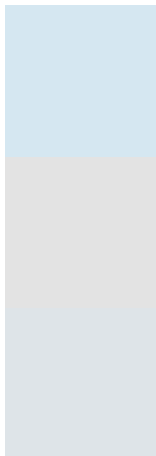
Deuteranomaly

229.0310, 6.3937, 2.6038

Tritanomaly

226.9260, 8.9105, -11.3361

Monochromacy



Original Color

226.7580, 7.0213, -12.0658

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.6620, 2.6316, -4.0886

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7580, 7.0213, -12.0658 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, 231, 241)` looks like.

```
.text, #text, p{  
    color:rgb(213, 231, 241)  
}
```

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, 231, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 231, 241) }
```

Border

The CSS property to change the border of an element to YUV 226.7580, 7.0213, -12.0658 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, 231, 241) }
```


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

```
.border{ border-color:rgb(213, 231, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 231, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 231, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 231, 241);  
box-shadow:4px 4px 4px 4px rgb(213, 231,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 226.7580, 7.0213, -12.0658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 231, 241) }
```

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

```
.background{ background-color: rgb(213,  
231, 241) }
```

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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