

# Converting Colors

YUV(228.7540, 3.0793, -7.6773)

Have a look what the booklet for  
YUV(228.7540, 3.0793, -7.6773)  
contains.

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# Color

**YUV(228.7540, 3.0793,  
-7.6773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCE8EB
RGB	220, 232, 235
RGB Percent	86%, 91%, 92%
CMY	0.1373, 0.0902, 0.0784
CMYK	0.06, 0.01, 0.00, 0.08
HSL	192°, 27%, 89%
HSV	192°, 6%, 92%
XYZ	73.3672, 78.9270, 89.9648
YIQ	228.7540, -8.1150, -1.6110

# Conversions

## Conversions Part 2

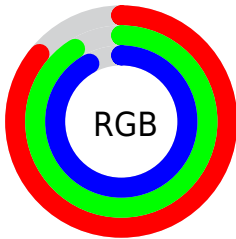
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 227, 235
Decimal	14477547
CIE Lab	91.20, -3.41, -2.84
CIE LCh	91, 4.443, 219.784
Yxy	78.9270, 0.3028, 0.3258
Android (android.graphics.Color)	4292667627 (0xFFDCE8EB)
YUV	228.7540, 3.0793, -7.6773
Hunter-Lab	88.8409, -8.0614, 2.1485

# Details

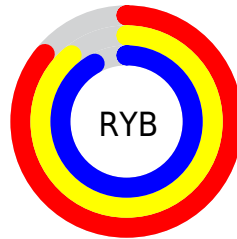
The YUV color  $228.7540, 3.0793, -7.6773$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $226.2460, -3.0793, 7.6773$ , and the grayscale version is  $229.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $173.0530, 2.9319, -7.0625$  is the 20% darker color. If you saturate the color by 10%, you get  $218.9420, 7.9166, -19.2431$ , and if you desaturate by 10%, it is  $238.8650, -1.9054, 4.5034$ .

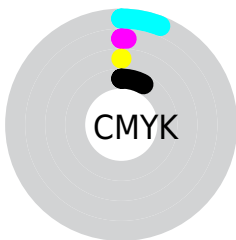
# Distribution



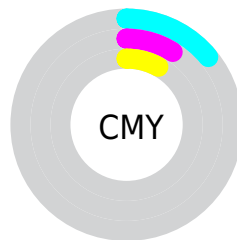
- Red (86%)
- Green (91%)
- Blue (92%)



- Red (86%)
- Yellow (89%)
- Blue (92%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (14%)
- Magenta (9%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.7540, 3.0793, -7.6773 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 228.7540, 3.0793, -7.6773 by changing the saturation by 10% instead.



■ 228.7540, 3.0793,  
-7.6773

■ 228.7540, 3.0793,  
-7.6773

255.0000, 0.0000,  
0.0000

■ 200.7540, 3.0793,  
-7.6773

■ 173.0530, 2.9319,  
-7.0625

■ 147.0530, 2.9319,  
-7.0625

■ 121.0530, 2.9319,  
-7.0625

■ 96.3520, 2.7845,  
-6.4477

■ 72.3520, 2.7845,  
-6.4477

■ 50.2380, 2.3477,

-6.3477

■ 28.6510, 2.6371,  
-5.8329

■ 5.3630, 2.7790,  
-4.7034

■ 228.7540, 3.0793,  
-7.6773

■ 228.7540, 3.0793,  
-7.6773

■ 218.9420, 7.9166,  
-19.2431

■ 238.8650, -1.9054,  
4.5034

■ 209.4180, 12.6119,  
-31.9386

■ 244.5020, -4.6845,  
9.2067

■ 199.6060, 17.4492,  
-43.5045

■ 247.4370, -6.1314,  
6.6328

■ 189.4950, 22.4340,  
-55.6851

■ 250.3720, -7.5784,  
4.0588

■ 180.2700, 26.9819,  
-67.7658

■ 252.7200, -8.7360,  
1.9996

■ 170.1590, 31.9666,  
-79.9464

■ 160.3470, 36.8039,  
-91.5123

■ 150.2360, 41.7887,  
-103.6930

■ 141.0110, 46.3366,  
-115.7736

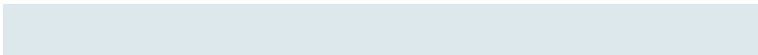
# Harmonies

## Analogous

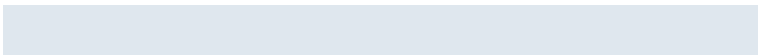
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2980, 1.3321, -7.2773



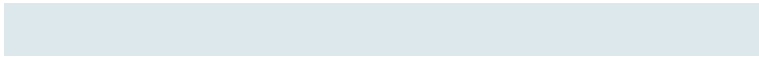
228.7540, 3.0793, -7.6773



229.4060, 4.2368, -5.6181

# Triad

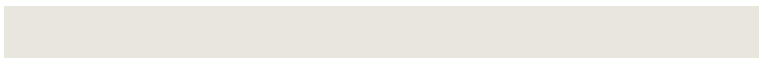
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.7540, 3.0793, -7.6773



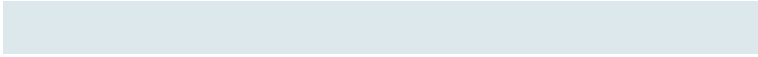
230.6740, 1.1467, 5.5479



229.5720, -4.2260, 2.1294

# Complementary

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



228.7540, 3.0793, -7.6773



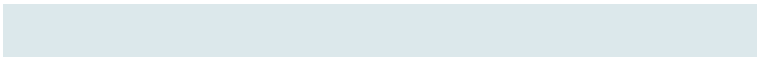
226.2460, -3.0793, 7.6773

# 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.



230.2950, -4.0894, 5.0033



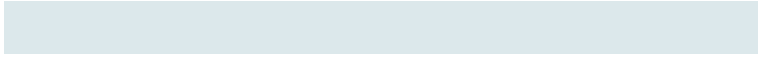
228.7540, 3.0793, -7.6773



230.7020, -1.3321, 7.2773

# Square

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



228.7540, 3.0793, -7.6773



230.1080, 2.9048, 1.6593



230.2460, -3.0793, 7.6773



228.8920, -2.9048, -1.6593

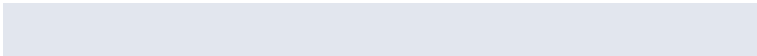


# Rectangle

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



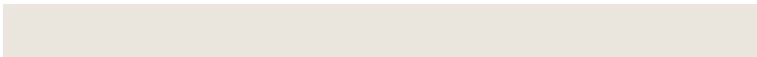
228.7540, 3.0793, -7.6773



229.7160, 4.0840, -3.2589



230.2460, -3.0793, 7.6773



229.5830, -4.2314, 3.8737

# Sweetspot

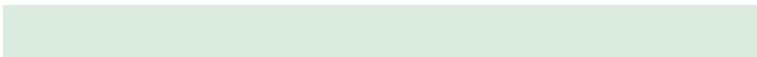
The Sweet Spot groups the original color and five complimentary colors.



228.7540, 3.0793, -7.6773



252.9180, 1.0264, -2.5591



229.1470, -3.0305, -8.0219



126.5160, 0.7316, -1.3295



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.



228.7540, 3.0793, -7.6773



246.6720, 4.1057, -10.2363



224.6450, 5.1050, -4.0737



112.5370, 2.2003, -5.7329



105.7490, 37.0987, -92.7419



31.3970, 11.1433, -27.5352



# Inverse Universe

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



225.8530, 3.0305, 8.0219



242.8040, 4.0406, 10.6959



230.9420, -5.3944, 3.5589



110.3150, 2.3097, 5.8627



70.6490, 36.6550, 96.7778

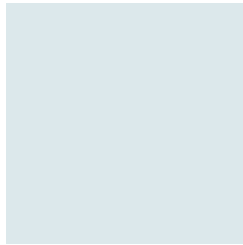


21.0480, 10.8223, 28.8989



# Previews

## White Background



This preview shows how the YUV color 228.7540, 3.0793, -7.6773 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

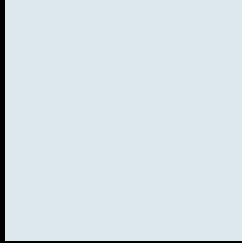
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.7540, 3.0793, -7.6773 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

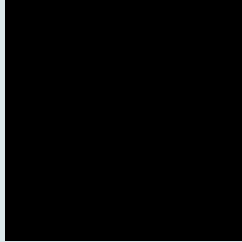
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

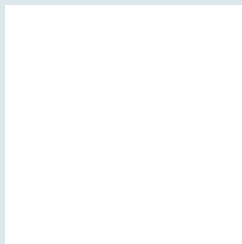
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 228.7540, 3.0793, -7.6773**

## **Background**



This preview shows how black text looks on a background with the YUV color 228.7540, 3.0793, -7.6773.



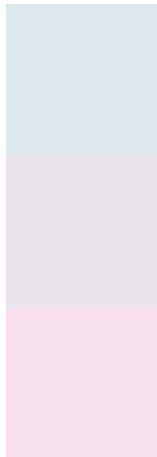
This preview shows how white text looks on a background with the YUV color 228.7540, 3.0793, -7.6773.

-7.6773.

# 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

228.7540, 3.0793, -7.6773

### Protanopia

230.0650, 1.4470, 2.5740

### Deuteranopia

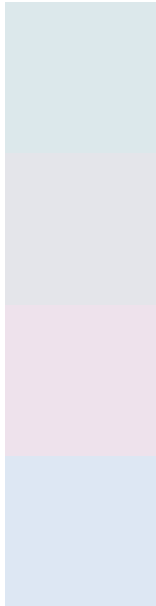
232.0710, 2.4300, 13.9697



## Tritanopia

229.6600, 9.0416, -6.7178

# Trichromacy



## Original Color

228.7540, 3.0793, -7.6773

## Protanomaly

229.2710, 2.3314, -1.1147

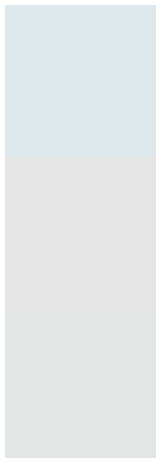
## Deuteranomaly

230.7280, 2.5991, 6.3775

## Tritanomaly

229.3780, 6.7156, -7.3475

# Monochromacy



## Original Color

228.7540, 3.0793, -7.6773

## Achromatopsia

229.0000, 0.0000, 0.0000

## Achromatomaly

228.9180, 1.0264, -2.5591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.7540, 3.0793, -7.6773 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(220, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(220, 232, 235)  
}
```

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(220, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 232, 235) }
```

## Border

The CSS property to change the border of an element to YUV 228.7540, 3.0793, -7.6773 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(220, 232, 235) }
```



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

```
.border{ border-color:rgb(220, 232, 235) }
```

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

Here you see how a box with a 4 pixel rgb(220, 232, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(220, 232,  
235) }
```

# Background

The CSS property to change the background color of an element to YUV 228.7540, 3.0793, -7.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 232, 235) }
```

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

```
.background{ background-color: rgb(220,  
232, 235) }
```

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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