

Converting Colors

YIQ(227.5200, -7.3360, 0.7920)

Have a look what the booklet for
YIQ(227.5200, -7.3360, 0.7920)
contains.

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Color

**YIQ(227.5200, -7.3360,
0.7920)**

Conversions

Conversions Part 1

Format	Color
Hex	DDE5ED
RGB	221, 229, 237
RGB Percent	87%, 90%, 93%
CMY	0.1333, 0.1019, 0.0706
CMYK	0.07, 0.03, 0.00, 0.07
HSL	210°, 31%, 90%
HSV	210°, 7%, 93%
XYZ	73.1227, 77.5260, 91.2239
YIQ	227.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

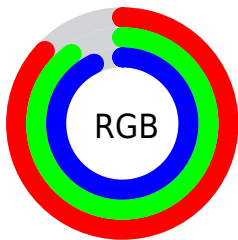
Format	Color
RYB	221, 226, 237
Decimal	14542317
CIELab	90.56, -1.17, -4.81
CIELCh	91, 4.955, 256.299
Yxy	77.5260, 0.3023, 0.3205
Android (android.graphics.Color)	4292732397 (0xFFDDE5ED)
YUV	227.5200, 4.6736, -5.7180
Hunter-Lab	88.0488, -5.8450, 0.2062

Details

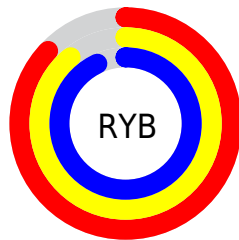
The YIQ color $227.5200, -7.3360, 0.7920$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.4800, 7.3360, -0.7920$, and the grayscale version is $227.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.4060, -7.0150, 0.4810$ is the 20% darker color. If you saturate the color by 10%, you get $213.3000, -18.3400, 1.9800$, and if you desaturate by 10%, it is $241.7400, 3.6680, -0.3960$.

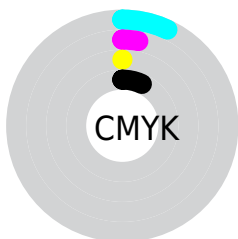
Distribution



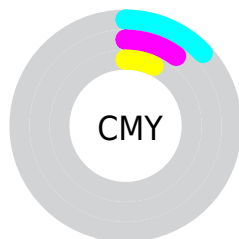
- Red (87%)
- Green (90%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.5200, -7.3360, 0.7920 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 YIQ color 227.5200, -7.3360, 0.7920 by changing the saturation by 10% instead.

■ 227.5200, -7.3360,
0.7920

■ 227.5200, -7.3360,
0.7920

255.0000, -0.0000,
-0.0000

■ 199.5200, -7.3360,
0.7920

■ 172.4060, -7.0150,
0.4810

■ 145.7050, -6.4190,
0.6930

■ 119.7050, -6.4190,
0.6930

■ 95.2920, -6.6940,
0.1700

■ 71.5910, -6.0980,
0.3820

■ 48.8900, -5.5020,

0.5940

■ 27.8900, -5.5020,
0.5940

■ 3.2430, -4.9980,
2.4740

■ 227.5200, -7.3360,
0.7920

■ 227.5200, -7.3360,
0.7920

■ 213.3000,
-18.3400, 1.9800

■ 241.7400, 3.6680,
-0.3960

■ 199.3790,
-28.7480, 3.3800

■ 251.7740, 6.3280,
-4.5520

■ 185.7460,
-40.0270, 4.0450

■ 252.9480, 5.7780,
-5.5980

■ 171.5260,
-51.0310, 5.2330

■ 157.6050,
-61.4390, 6.6330

■ 143.3850,
-72.4430, 7.8210

■ 129.1650,
-83.4470, 9.0090

■ 114.9450,
-94.4510, 10.1970

■ 101.6110,
-105.1340, 11.0740

Harmonies

Analogous

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



226.6830, -9.3530, -1.2010



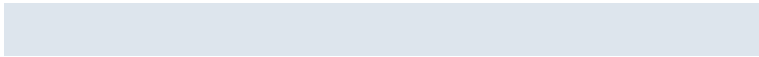
227.5200, -7.3360, 0.7920



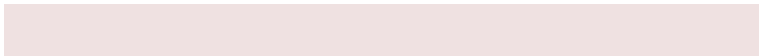
227.8410, -3.8060, 2.8980

Triad

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



227.5200, -7.3360, 0.7920



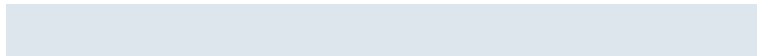
229.1860, 8.3440, 2.9680



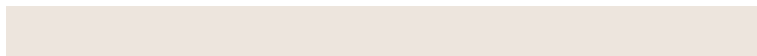
227.1800, -0.6870, -4.0710

Complementary

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



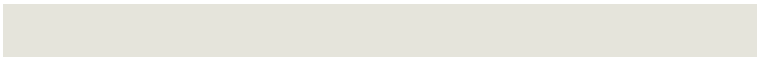
227.5200, -7.3360, 0.7920



230.4800, 7.3360, -0.7920

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.



227.2730, 3.4850, -2.5870



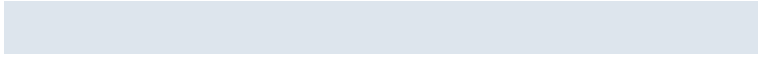
227.5200, -7.3360, 0.7920



229.0180, 8.7570, 0.9890

Square

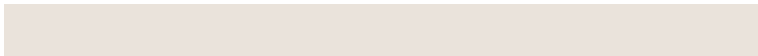
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.5200, -7.3360, 0.7920



229.1580, 5.5470, 4.0990



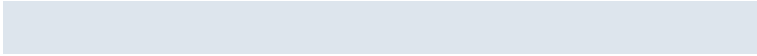
228.1810, 6.7400, -1.0040



226.8420, -5.5470, -4.0990

Rectangle

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



227.5200, -7.3360, 0.7920



228.3360, -0.8260, 3.9580



228.1810, 6.7400, -1.0040



226.7780, 0.5050, -3.6470

Sweetspot

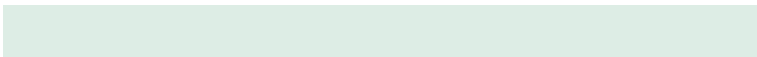
The Sweet Spot groups the original color and five complimentary colors.



227.5200, -7.3360, 0.7920



251.7440, -2.1550, 0.5090



231.3040, -6.9680, -5.8800



125.9290, -1.2380, 0.4100



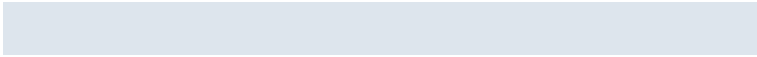
0.0000, 0.0000, 0.0000



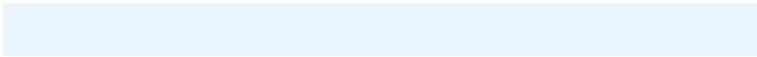
128.0000, -0.0000, -0.0000

Same Dimension

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



227.5200, -7.3360, 0.7920



243.1500, -9.1700, 0.9900



222.8240, -5.1360, 4.9760



110.1890, -4.9060, 0.8060



74.0510, -83.1260, 8.6980



22.0050, -24.7590, 2.6730

Inverse Universe

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



226.6960, 6.9680, 5.8800



242.1200, 8.7100, 7.3500



235.1760, 5.1360, -4.9760



109.8590, 4.9510, 3.8870



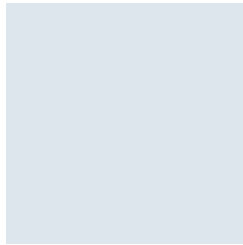
64.4930, 78.6650, 66.6730



19.2240, 23.5170, 19.8450

Previews

White Background



This preview shows how the YIQ color 227.5200, -7.3360, 0.7920 looks on a white background.

Color Contrast Check

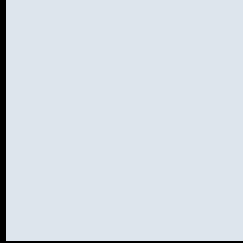
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 227.5200, -7.3360, 0.7920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

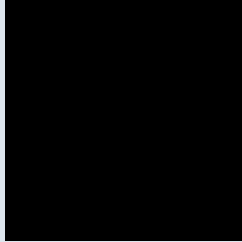
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

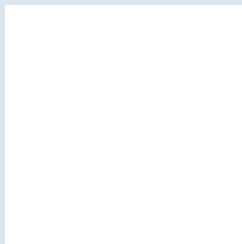
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 227.5200, -7.3360, 0.7920

Background



This preview shows how black text looks on a background with the YIQ color 227.5200, -7.3360, 0.7920.



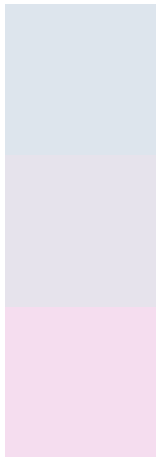
This preview shows how white text looks on a background with the YIQ color 227.5200, -7.3360,

0.7920.

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

227.5200, -7.3360, 0.7920

Protanopia

228.9230, -1.1010, 3.4350

Deuteranopia

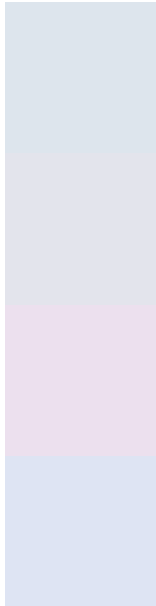
230.2280, 8.5260, 10.6860



Tritanopia

228.2580, -9.3540, 4.3260

Trichromacy



Original Color

227.5200, -7.3360, 0.7920

Protanomaly

228.6130, -3.1640, 2.2760

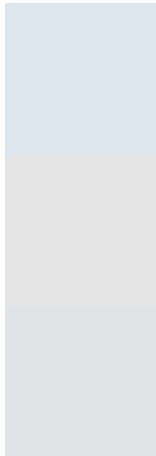
Deuteranomaly

229.1840, 2.6580, 6.8980

Tritanomaly

227.9160, -8.3910, 3.3930

Monochromacy



Original Color

227.5200, -7.3360, 0.7920

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.4450, -2.7510, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.5200, -7.3360, 0.7920 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(221, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 229, 237)  
}
```

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(221, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 229, 237) }
```

Border

The CSS property to change the border of an element to YIQ 227.5200, -7.3360, 0.7920 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(221, 229, 237) }
```


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

```
.border{ border-color:rgb(221, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 229,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 227.5200, -7.3360, 0.7920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 229, 237) }
```

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

```
.background{ background-color: rgb(221,  
229, 237) }
```

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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