

Converting Colors

YIQ(223.7890, 1.9720, -2.7000)

Have a look what the booklet for
YIQ(223.7890, 1.9720, -2.7000)
contains.

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Color

**YIQ(223.7890, 1.9720,
-2.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E1D9
RGB	224, 225, 217
RGB Percent	88%, 88%, 85%
CMY	0.1216, 0.1176, 0.1490
CMYK	0.00, 0.00, 0.04, 0.12
HSL	68°, 12%, 87%
HSV	68°, 4%, 88%
XYZ	70.1901, 74.7076, 76.3687
YIQ	223.7890, 1.9720, -2.7000

Conversions

Conversions Part 2

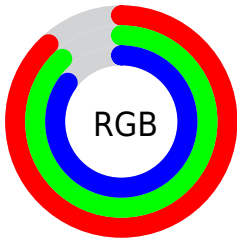
Format	Color
R _Y B	217, 225, 218
Decimal	14737881
CIE Lab	89.26, -1.75, 3.78
CIE LCh	89, 4.162, 114.820
Yxy	74.7076, 0.3172, 0.3376
Android (android.graphics.Color)	4292927961 (0xFFE0E1D9)
YUV	223.7890, -3.3470, 0.1850
Hunter-Lab	86.4335, -6.3043, 8.1176

Details

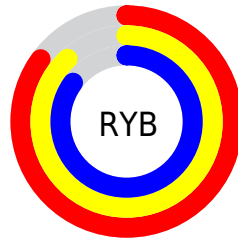
The YIQ color $223.7890, 1.9720, -2.7000$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.2110, -1.9720, 2.7000$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $168.7890, 1.9720, -2.7000$ is the 20% darker color. If you saturate the color by 10%, you get $220.3840, 7.2460, -10.1780$, and if you desaturate by 10%, it is $227.3080, -3.6230, 5.0890$.

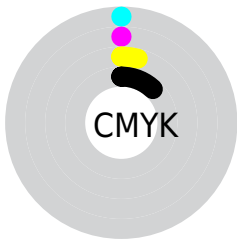
Distribution



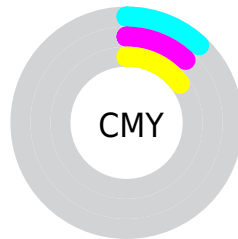
- Red (88%)
- Green (88%)
- Blue (85%)



- Red (85%)
- Yellow (88%)
- Blue (85%)



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



- Cyan (12%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 223.7890, 1.9720, -2.7000 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 223.7890, 1.9720, -2.7000 by changing the saturation by 10% instead.

■ 223.7890, 1.9720,
-2.7000

■ 223.7890, 1.9720,
-2.7000

255.0000, -0.0000,
-0.0000

■ 195.7890, 1.9720,
-2.7000

■ 168.7890, 1.9720,
-2.7000

■ 141.9030, 1.6510,
-2.3890

■ 116.9030, 1.6510,
-2.3890

■ 91.9030, 1.6510,
-2.3890

■ 68.9030, 1.6510,
-2.3890

■ 46.0170, 1.3300,

-2.0780

■ 26.0170, 1.3300,
-2.0780

■ 0.0000, 0.0000,
0.0000

■ 223.7890, 1.9720,
-2.7000

■ 223.7890, 1.9720,
-2.7000

■ 220.3840, 7.2460,
-10.1780

■ 227.3080, -3.6230,
5.0890

■ 216.8650, 12.8410,
-17.9670

■ 229.9150, -6.6500,
10.3900

■ 213.7590, 18.7110,
-25.2330

■ 230.5130, -5.4580,
10.8140

■ 210.2400, 24.3060,
-33.0220

■ 231.4100, -3.6700,
11.4500

■ 206.8350, 29.5800,
-40.5000

■ 232.3070, -1.8820,
12.0860

■ 203.3160, 35.1750,
-48.2890

■ 233.2040, -0.0940,
12.7220

■ 199.9110, 40.4490,
-55.7670

■ 234.1010, 1.6940,
13.3580

■ 196.3920, 46.0440,
-63.5560

■ 234.9980, 3.4820,
13.9940

■ 193.1720, 52.2350,
-71.1330

■ 235.5960, 4.6740,
14.4180

Harmonies

Analogous

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



224.5830, 5.5480, -1.4280



223.7890, 1.9720, -2.7000



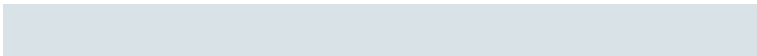
223.2230, -2.2460, -3.3500

Triad

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



223.7890, 1.9720, -2.7000



223.5800, -7.5650, -0.5650



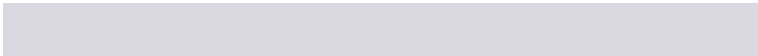
225.3320, 4.9970, 3.0530

Complementary

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



223.7890, 1.9720, -2.7000



218.2110, -1.9720, 2.7000

Split Complementary

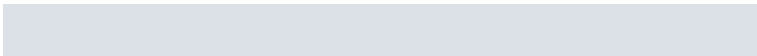
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.8910, 1.9250, 3.6610



223.7890, 1.9720, -2.7000



224.3030, -5.2270, 1.1170

Square

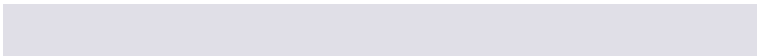
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223.7890, 1.9720, -2.7000



223.4120, -7.1520, -2.5440



224.2110, -1.9720, 2.7000



225.1750, 6.8770, 2.0210

Rectangle

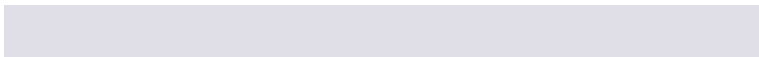
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223.7890, 1.9720, -2.7000



223.4400, -4.3550, -3.6750



224.2110, -1.9720, 2.7000



225.1470, 4.0800, 3.1520

Sweetspot

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



223.7890, 1.9720, -2.7000



254.6580, 0.9630, -0.9330



219.9790, 4.4930, 1.1730



127.4730, 0.0460, -0.8340



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.



223.7890, 1.9720, -2.7000



253.5610, 2.6140, -3.3220



222.5930, -0.4120, -3.5480



111.1310, 1.0090, -1.7670



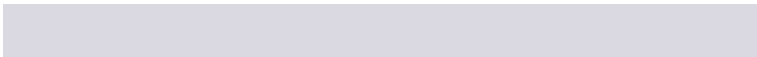
149.3580, 43.3840, -59.4000



40.7340, 11.8320, -16.2000

Inverse Universe

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



218.2110, -1.9720, 2.7000



246.4390, -2.6140, 3.3220



219.4070, 0.4120, 3.5480



107.5700, -1.6050, 1.5550



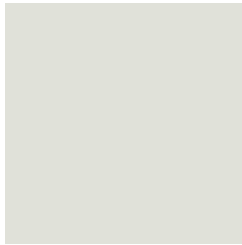
26.6420, -43.3840, 59.4000



7.2660, -11.8320, 16.2000

Previews

White Background



This preview shows how the YIQ color 223.7890, 1.9720, -2.7000 looks on a white background.

Color Contrast Check

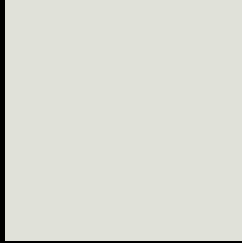
Large Text (above 18pt) WCAG AA × Fail

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 223.7890, 1.9720, -2.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

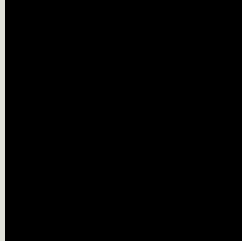
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

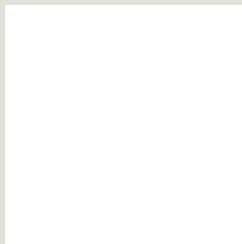
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 223.7890, 1.9720, -2.7000

Background



This preview shows how black text looks on a background with the YIQ color 223.7890, 1.9720, -2.7000.



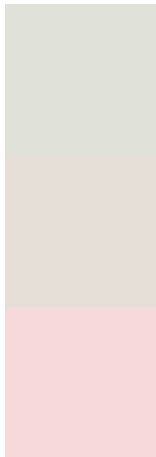
This preview shows how white text looks on a background with the YIQ color 223.7890, 1.9720,

-2.7000.

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

223.7890, 1.9720, -2.7000

Protanopia

224.2950, 6.4190, -0.6930

Deuteranopia

226.4970, 17.8340, 7.1940



Tritanopia

225.4330, -2.4770, 6.3470

Trichromacy



Original Color

223.7890, 1.9720, -2.7000

Protanomaly

224.2840, 4.9520, -1.6400

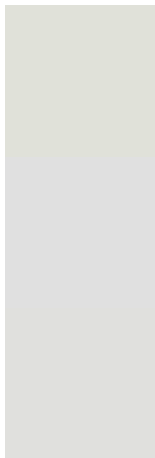
Deuteranomaly

225.4530, 11.9660, 3.4060

Tritanomaly

224.8090, -0.7800, 3.1240

Monochromacy



Original Color

223.7890, 1.9720, -2.7000

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

223.6580, 0.9630, -0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.7890, 1.9720, -2.7000 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(224, 225, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 225, 217)  
}
```

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(224, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 225, 217) }
```

Border

The CSS property to change the border of an element to YIQ 223.7890, 1.9720, -2.7000 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(224, 225, 217) }
```


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

```
.border{ border-color:rgb(224, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 225,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 223.7890, 1.9720, -2.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 225, 217) }
```

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

```
.background{ background-color: rgb(224,  
225, 217) }
```

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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