

Converting Colors

YIQ(224.1320, -0.7320, -8.7640)

Have a look what the booklet for
YIQ(224.1320, -0.7320, -8.7640)
contains.

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Color

**YIQ(224.1320, -0.7320,
-8.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE6D2
RGB	218, 230, 210
RGB Percent	85%, 90%, 82%
CMY	0.1451, 0.0980, 0.1765
CMYK	0.05, 0.00, 0.09, 0.10
HSL	96°, 29%, 86%
HSV	96°, 9%, 90%
XYZ	68.8418, 76.1535, 72.0456
YIQ	224.1320, -0.7320, -8.7640

Conversions

Conversions Part 2

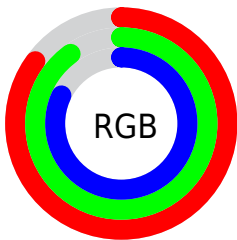
Format	Color
R _Y B	210, 230, 222
Decimal	14345938
CIE Lab	89.93, -7.57, 8.36
CIE LCh	90, 11.277, 132.155
Yxy	76.1535, 0.3172, 0.3509
Android (android.graphics.Color)	4292536018 (0xFFDAE6D2)
YUV	224.1320, -6.9671, -5.3778
Hunter-Lab	87.2660, -11.9017, 12.1372

Details

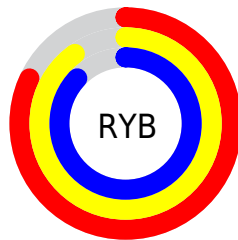
The YIQ color $224.1320, -0.7320, -8.7640$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.8680, 0.7320, 8.7640$, and the grayscale version is $224.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $169.2460, -1.0530, -8.4530$ is the 20% darker color. If you saturate the color by 10%, you get $217.3240, -1.6930, -18.8850$, and if you desaturate by 10%, it is $230.9400, 0.2290, 1.3570$.

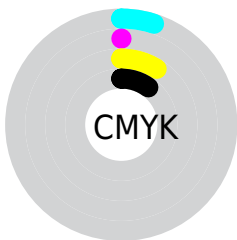
Distribution



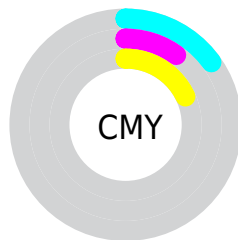
- Red (85%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.1320, -0.7320, -8.7640 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 224.1320, -0.7320, -8.7640 by changing the saturation by 10% instead.

■ 224.1320, -0.7320,
-8.7640

■ 224.1320, -0.7320,
-8.7640

255.0000, -0.0000,
-0.0000

■ 196.1320, -0.7320,
-8.7640

■ 169.2460, -1.0530,
-8.4530

■ 142.6590, -0.7780,
-7.9300

■ 116.6590, -0.7780,
-7.9300

■ 92.0720, -0.5030,
-7.4070

■ 69.0720, -0.5030,
-7.4070

■ 46.3000, -1.1450,

-6.7850

■ 25.5990, -0.5490,
-6.5730

■ 0.0000, 0.0000,
0.0000

■ 224.1320, -0.7320,
-8.7640

■ 224.1320, -0.7320,
-8.7640

■ 217.3240, -1.6930,
-18.8850

■ 230.9400, 0.2290,
1.3570

■ 210.5160, -2.6540,
-29.0060

■ 237.6340, 1.5110,
11.1670

■ 204.0070, -3.0190,
-38.9150

■ 240.3250, 6.8750,
13.0750

■ 197.1990, -3.9800,
-49.0360

■ 190.3910, -4.9410,
-59.1570

■ 183.5830, -5.9020,
-69.2780

■ 176.7750, -6.8630,
-79.3990

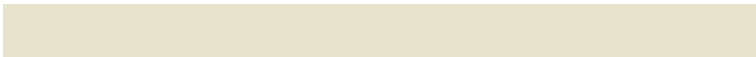
■ 169.9670, -7.8240,
-89.5200

■ 163.4580, -8.1890,
-99.4290

Harmonies

Analogous

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



225.6880, 9.4460, -5.9940



224.1320, -0.7320, -8.7640



223.0430, -10.7270, -9.3430

Triad

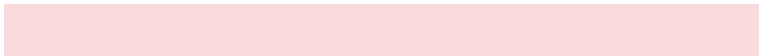
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.1320, -0.7320, -8.7640



224.6590, -17.9730, 0.8350



228.3120, 16.9170, 7.2930

Complementary

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



224.1320, -0.7320, -8.7640



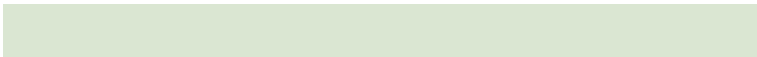
215.8680, 0.7320, 8.7640

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.



228.6580, 10.1310, 9.1310



224.1320, -0.7320, -8.7640



226.6000, -10.3170, 5.2590

Square

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



224.1320, -0.7320, -8.7640



223.6430, -21.0440, -4.0840



227.8680, 0.7320, 8.7640



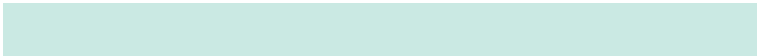
227.4600, 19.2560, 3.4480

Rectangle

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



224.1320, -0.7320, -8.7640



223.0470, -16.5500, -8.4380



227.8680, 0.7320, 8.7640



228.4690, 15.0370, 8.3250

Sweetspot

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



224.1320, -0.7320, -8.7640



252.5930, -0.4120, -3.5480



223.0240, 8.6200, -2.0360



126.1200, -0.4580, -2.7140



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.



224.1320, -0.7320, -8.7640



247.6650, -0.9150, -10.9550



221.9680, -6.1420, -9.8380



111.5390, -0.3200, -5.2160



126.3020, -6.9090, -78.5650



35.9170, -2.1050, -22.4330

Inverse Universe

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



215.8680, 0.7320, 8.7640



237.3350, 0.9150, 10.9550



218.0320, 6.1420, 9.8380



106.4610, 0.3200, 5.2160



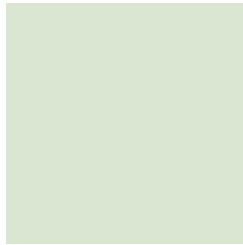
52.3990, 6.3130, 78.3530



15.0830, 2.1050, 22.4330

Previews

White Background



This preview shows how the YIQ color 224.1320, -0.7320, -8.7640 looks on a white background.

Color Contrast Check

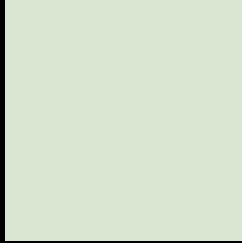
Large Text (above 18pt) WCAG AA × Fail

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 224.1320, -0.7320, -8.7640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

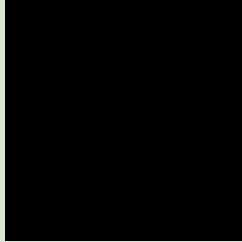
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

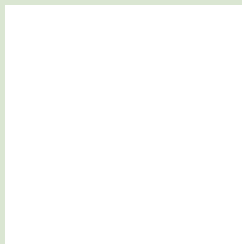
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 224.1320, -0.7320, -8.7640

Background



This preview shows how black text looks on a background with the YIQ color 224.1320, -0.7320, -8.7640.



This preview shows how white text looks on a background with the YIQ color 224.1320, -0.7320,

-8.7640.

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

224.1320, -0.7320, -8.7640

Protanopia

225.6390, 11.1420, -3.6900

Deuteranopia

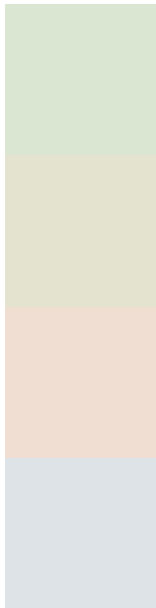
227.7810, 22.7860, 5.5540



Tritanopia

226.4540, -6.9700, 5.1740

Trichromacy



Original Color

224.1320, -0.7320, -8.7640

Protanomaly

225.1330, 6.6950, -5.6970

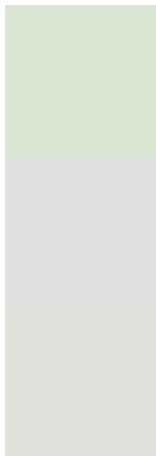
Deuteranomaly

226.1280, 14.2590, 0.3950

Tritanomaly

225.6620, -4.8600, -0.0280

Monochromacy



Original Color

224.1320, -0.7320, -8.7640

Achromatopsia

224.0000, -0.0000, 0.0000

Achromatomaly

224.0060, -0.1370, -3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.1320, -0.7320, -8.7640 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(218, 230, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 230, 210)  
}
```

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(218, 230, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 230, 210) }
```

Border

The CSS property to change the border of an element to YIQ 224.1320, -0.7320, -8.7640 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(218, 230, 210) }
```


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

```
.border{ border-color:rgb(218, 230, 210) }
```

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

Here you see how a box with a 4 pixel rgb(218, 230, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 230, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 230, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 230,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 224.1320, -0.7320, -8.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 230, 210) }
```

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

```
.background{ background-color: rgb(218,  
230, 210) }
```

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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