

Converting Colors

YIQ(220.8320, -8.7550,
-12.0430)

Have a look what the booklet for
YIQ(220.8320, -8.7550, -12.0430)
contains.

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Color

**YIQ(220.8320, -8.7550,
-12.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE7D2
RGB	205, 231, 210
RGB Percent	80%, 91%, 82%
CMY	0.1961, 0.0941, 0.1765
CMYK	0.11, 0.00, 0.09, 0.09
HSL	132°, 35%, 85%
HSV	132°, 11%, 91%
XYZ	65.3828, 74.7872, 71.9590
YIQ	220.8320, -8.7550, -12.0430

Conversions

Conversions Part 2

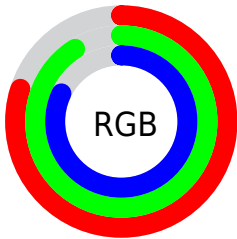
Format	Color
RYB	205, 227, 231
Decimal	13494226
CIELab	89.29, -12.47, 7.33
CIELCh	89, 14.466, 149.553
Yxy	74.7872, 0.3082, 0.3526
Android (android.graphics.Color)	4291684306 (0xFFCDE7D2)
YUV	220.8320, -5.3402, -13.8847
Hunter-Lab	86.4796, -16.3847, 11.2010

Details

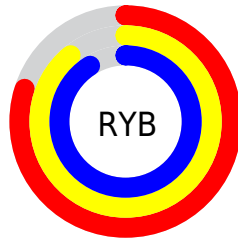
The YIQ color **220.8320, -8.7550, -12.0430** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **215.1680, 8.7550, 12.0430**, and the grayscale version is **221.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **165.6580, -8.2050, -10.9970** is the 20% darker color. If you saturate the color by 10%, you get **211.7890, -16.3640, -22.8280**, and if you desaturate by 10%, it is **229.8750, -1.1460, -1.2580**.

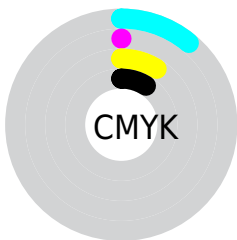
Distribution



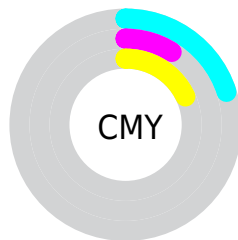
- Red (80%)
- Green (91%)
- Blue (82%)



- Red (80%)
- Yellow (89%)
- Blue (91%)



- Cyan (11%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 220.8320, -8.7550, -12.0430 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 220.8320, -8.7550, -12.0430 by changing the saturation by 10% instead.

■ 220.8320, -8.7550,
-12.0430

■ 220.8320, -8.7550,
-12.0430

255.0000, -0.0000,
-0.0000

■ 192.8320, -8.7550,
-12.0430

■ 165.6580, -8.2050,
-10.9970

■ 139.6580, -8.2050,
-10.9970

■ 113.9570, -7.6090,
-10.7850

■ 89.0710, -7.9300,
-10.4740

■ 65.4840, -7.6550,
-9.9510

■ 43.3100, -7.1050,

-8.9050

■ 22.0110, -7.7010,
-9.1170

■ 0.0000, 0.0000,
0.0000

■ 220.8320, -8.7550,
-12.0430

■ 220.8320, -8.7550,
-12.0430

■ 211.7890,
-16.3640, -22.8280

■ 229.8750, -1.1460,
-1.2580

■ 202.8600,
-24.2940, -33.3020

■ 238.8040, 6.7840,
9.2160

■ 193.8170,
-31.9030, -44.0870

■ 240.9120, 6.6000,
12.5520

■ 184.7740,
-39.5120, -54.8720

■ 175.5460,
-48.0380, -65.5580

■ 166.5030,
-55.6470, -76.3430

■ 157.4600,
-63.2560, -87.1280

■ 148.5310,
-71.1860, -97.6020

■ 140.6130,
-77.6490, -107.1290

Harmonies

Analogous

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



222.7150, 4.8160, -10.1920



220.8320, -8.7550, -12.0430



220.0140, -20.9510, -11.2790

Triad

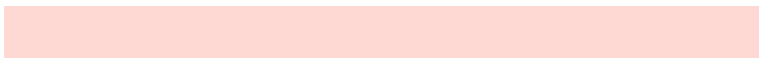
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.8320, -8.7550, -12.0430



224.1800, -17.8820, 4.6940



226.7920, 24.2530, 6.5010

Complementary

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



220.8320, -8.7550, -12.0430



215.1680, 8.7550, 12.0430

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.



227.2030, 18.8420, 10.9540



220.8320, -8.7550, -12.0430



225.8720, -5.0910, 9.6690

Square

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



220.8320, -8.7550, -12.0430



221.5870, -26.6380, -1.8220



226.9830, 7.8380, 12.1420



225.6190, 23.0620, 0.5500

Rectangle

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



220.8320, -8.7550, -12.0430



220.1430, -25.6280, -9.1160



226.9830, 7.8380, 12.1420



226.7750, 22.9230, 8.5790

Sweetspot

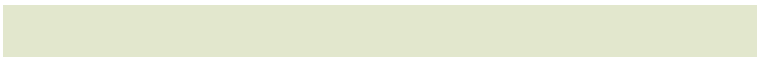
The Sweet Spot groups the original color and five complimentary colors.



220.8320, -8.7550, -12.0430



251.9240, -2.8420, -3.5620



226.5410, 5.3660, -9.1460



125.6360, -1.9710, -2.8270



0.0000, 0.0000, 0.0000



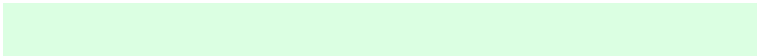
128.0000, -0.0000, -0.0000

Same Dimension

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



220.8320, -8.7550, -12.0430



240.9300, -12.1470, -16.6510



222.3140, -12.9280, -8.0000



110.2720, -3.9420, -5.6540



108.9490, -60.1390, -83.0430



31.0770, -17.2350, -23.5630

Inverse Universe

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



215.1680, 8.7550, 12.0430



233.0700, 12.1470, 16.6510



213.6860, 12.9280, 8.0000



107.7280, 3.9420, 5.6540



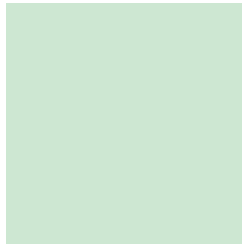
69.9370, 60.4600, 82.7320



19.9230, 17.2350, 23.5630

Previews

White Background



This preview shows how the YIQ color 220.8320, -8.7550, -12.0430 looks on a white background.

Color Contrast Check

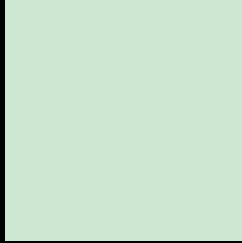
Large Text (above 18pt) WCAG AA × Fail

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 220.8320, -8.7550, -12.0430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

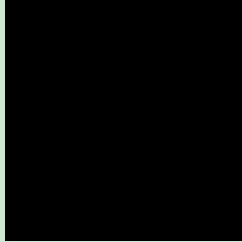
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

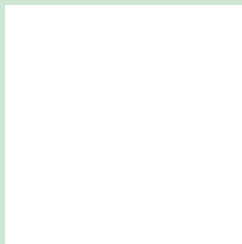
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 220.8320, -8.7550, -12.0430

Background



This preview shows how black text looks on a background with the YIQ color 220.8320, -8.7550, -12.0430.



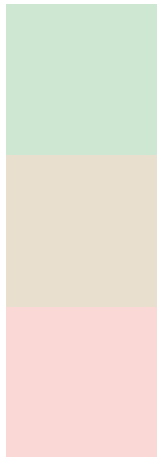
This preview shows how white text looks on a background with the YIQ color 220.8320, -8.7550,

-12.0430.

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

220.8320, -8.7550, -12.0430

Protanopia

223.7530, 10.8210, -3.3790

Deuteranopia

225.8240, 21.2270, 6.2750



Tritanopia

223.5670, -14.7180, 2.4180

Trichromacy



Original Color

220.8320, -8.7550, -12.0430

Protanomaly

222.6380, 3.7150, -6.7570

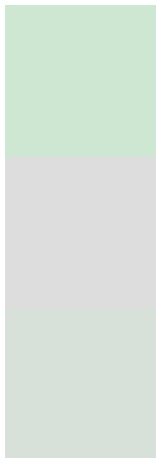
Deuteranomaly

223.8610, 10.6370, -0.0430

Tritanomaly

222.7750, -12.6080, -2.7840

Monochromacy



Original Color

220.8320, -8.7550, -12.0430

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

221.0980, -3.3920, -4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.8320, -8.7550, -12.0430 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(205, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(205, 231, 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(205, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 231, 210) }
```

Border

The CSS property to change the border of an element to YIQ 220.8320, -8.7550, -12.0430 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(205, 231, 210) }
```


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

```
.border{ border-color:rgb(205, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(205, 231,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 220.8320, -8.7550, -12.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 231, 210) }
```

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

```
.background{ background-color: rgb(205,  
231, 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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