

Converting Colors

YIQ(212.4240, -25.7620,
-28.7220)

Have a look what the booklet for
YIQ(212.4240, -25.7620, -28.7220)
contains.

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Color

**YIQ(212.4240, -25.7620,
-28.7220)**

Conversions

Conversions Part 1

Format	Color
Hex	AAEEC0
RGB	170, 238, 192
RGB Percent	67%, 93%, 75%
CMY	0.3335, 0.0665, 0.2471
CMYK	0.29, 0.00, 0.19, 0.07
HSL	139°, 67%, 80%
HSV	139°, 29%, 93%
XYZ	56.6624, 73.5113, 61.0620
YIQ	212.4240, -25.7620, -28.7220

Conversions

Conversions Part 2

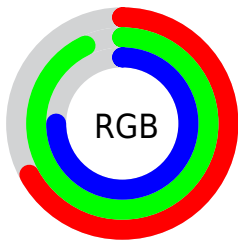
Format	Color
RYB	170, 221, 238
Decimal	11202240
CIELab	88.69, -30.44, 15.57
CIELCh	89, 34.193, 152.909
Yxy	73.5113, 0.2963, 0.3844
Android (android.graphics.Color)	4289392320 (0xFFAAEEC0)
YUV	212.4240, -10.0690, -37.2058
Hunter-Lab	85.7387, -32.0769, 17.7916

Details

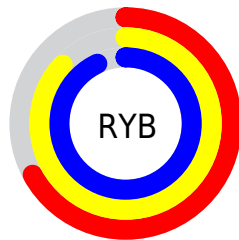
The YIQ color $212.4240, -25.7620, -28.7220$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $195.5760, 25.7620, 28.7220$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.8300, -14.4410, -8.1130$, and $157.2500, -25.2120, -27.6760$ is the 20% darker color. If you saturate the color by 10%, you get $203.4240, -34.9300, -38.7860$, and if you desaturate by 10%, it is $221.4240, -16.5940, -18.6580$.

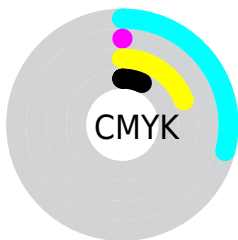
Distribution



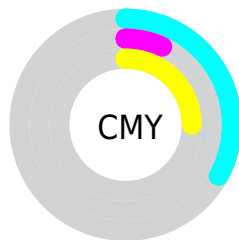
- Red (67%)
- Green (93%)
- Blue (75%)



- Red (67%)
- Yellow (87%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4240, -25.7620, -28.7220 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 212.4240, -25.7620, -28.7220 by changing the saturation by 10% instead.

■ 212.4240,
-25.7620, -28.7220

■ 212.4240,
-25.7620, -28.7220

255.0000, -0.0000,
-0.0000

■ 184.8370,
-25.4870, -28.1990

■ 245.5310,
-15.0370, -8.3250

■ 157.2500,
-25.2120, -27.6760

■ 130.7770,
-25.2580, -26.8420


■ 104.3040,
-25.3040, -26.0080


■ 79.2330, -26.5420,
-25.5980


■ 52.0690, -31.9520,
-26.6720


■ 34.6790, -21.8660,

-22.2340


 20.5450, -9.6250,
-18.3050


 0.0000, 0.0000,
0.0000

 212.4240,
-25.7620, -28.7220

 212.4240,
-25.7620, -28.7220


 203.4240,
-34.9300, -38.7860


 221.4240,
-16.5940, -18.6580


 194.4240,
-44.0980, -48.8500

 230.4240, -7.4260,
-8.5940

 185.7230,
-52.6700, -58.7020

 239.1250, 1.1460,
1.2580

 176.7230,
-61.8380, -68.7660

 245.0210, 4.6750,
8.8910

■ 167.6090,
-70.6850, -79.1410

■ 158.6090,
-79.8530, -89.2050

■ 149.6090,
-89.0210, -99.2690

■ 148.4840,
-90.1670, -100.5270

Harmonies

Analogous

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



216.8270, 6.8360, -24.7800



212.4240, -25.7620, -28.7220



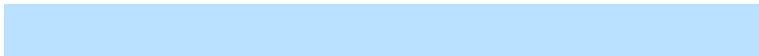
207.7810, -57.4440, -27.2360

Triad

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



212.4240, -25.7620, -28.7220



216.7590, -32.8740, 1.0620



216.3650, 35.7610, 7.1930

Complementary

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



212.4240, -25.7620, -28.7220



195.5760, 25.7620, 28.7220

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.



218.2520, 26.3140, 18.7140



212.4240, -25.7620, -28.7220



223.4690, -2.1580, 17.0900

Square

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



212.4240, -25.7620, -28.7220



208.8860, -61.5730, -12.9730



224.2480, 14.9420, 26.5740



219.0260, 40.6690, -4.6670

Rectangle

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



212.4240, -25.7620, -28.7220



205.8150, -71.9790, -22.6270



224.2480, 14.9420, 26.5740



216.3310, 33.1010, 11.3490

Sweetspot

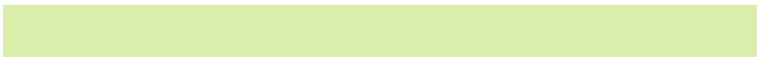
The Sweet Spot groups the original color and five complimentary colors.



212.4240, -25.7620, -28.7220



246.2990, -8.5720, -9.8520



223.6700, 8.7160, -25.8120



122.3750, -5.7300, -6.2900



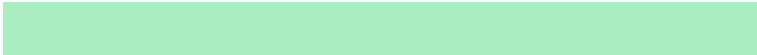
0.0000, 0.0000, 0.0000



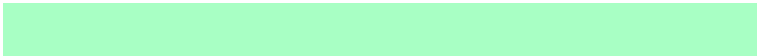
128.0000, -0.0000, -0.0000

Same Dimension

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



212.4240, -25.7620, -28.7220



222.2610, -32.9130, -36.7930



216.3000, -36.6760, -18.1480



115.5000, -4.5840, -5.0320



114.7340, -69.5390, -77.8830



34.9240, -21.1780, -23.6900

Inverse Universe

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



195.5760, 25.7620, 28.7220



200.7390, 32.9130, 36.7930



191.7000, 36.6760, 18.1480



112.5000, 4.5840, 5.0320



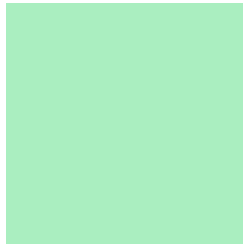
69.1520, 69.8600, 77.5720



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 212.4240, -25.7620, -28.7220 looks on a white background.

Color Contrast Check

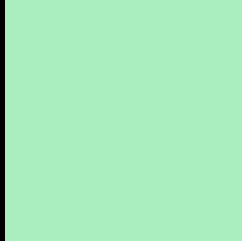
Large Text (above 18pt) WCAG AA × Fail

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 212.4240, -25.7620, -28.7220 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 212.4240, -25.7620, -28.7220 Background



This preview shows how black text looks on a background with the YIQ color 212.4240, -25.7620, -28.7220.



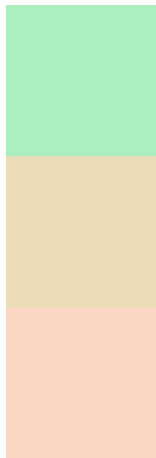
This preview shows how white text looks on a background with the YIQ color 212.4240, -25.7620, -28.7220.

-28.7220.

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

212.4240, -25.7620, -28.7220

Protanopia

220.6690, 19.6250, -8.7510

Deuteranopia

223.4240, 28.1050, 2.7690



Tritanopia

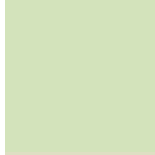
217.5150, -35.3030, -4.4790

Trichromacy



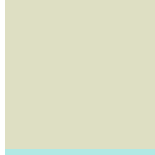
Original Color

212.4240, -25.7620, -28.7220



Protanomaly

217.6560, 3.3040, -15.8320



Deuteranomaly

219.5090, 8.3920, -8.9200



Tritanomaly

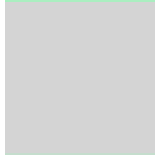
215.6860, -31.7710, -13.4270

Monochromacy



Original Color

212.4240, -25.7620, -28.7220



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.0000, -9.1680, -10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4240, -25.7620, -28.7220 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(170, 238, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 192)  
}
```

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(170, 238, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 192) }
```

Border

The CSS property to change the border of an element to YIQ 212.4240, -25.7620, -28.7220 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(170, 238, 192) }
```


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

```
.border{ border-color:rgb(170, 238, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 238, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 238, 192); box-shadow:4px 4px 4px 4px rgb(170, 238, 192) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4240, -25.7620, -28.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 192) }
```

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

```
.background{ background-color: rgb(170,  
238, 192) }
```

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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