

Converting Colors

YIQ(212.6740, -22.3290, 2.6870)

Have a look what the booklet for
YIQ(212.6740, -22.3290, 2.6870)
contains.

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Color

**YIQ(212.6740, -22.3290,
2.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D9F2
RGB	193, 217, 242
RGB Percent	76%, 85%, 95%
CMY	0.2432, 0.1490, 0.0511
CMYK	0.20, 0.10, 0.00, 0.05
HSL	211°, 65%, 85%
HSV	211°, 20%, 95%
XYZ	62.8280, 67.3762, 93.6762
YIQ	212.6740, -22.3290, 2.6870

Conversions

Conversions Part 2

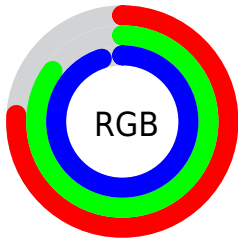
Format	Color
R _Y B	193, 209, 242
Decimal	12704242
CIE Lab	85.69, -2.78, -14.88
CIE LCh	86, 15.142, 259.418
Yxy	67.3762, 0.2806, 0.3009
Android (android.graphics.Color)	4290894322 (0xFFC1D9F2)
YUV	212.6740, 14.4577, -17.2541
Hunter-Lab	82.0830, -7.0177, -10.2059

Details

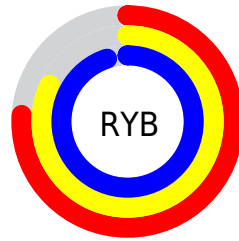
The YIQ color $212.6740, -22.3290, 2.6870$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.3260, 22.3290, -2.6870$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $157.8590, -21.4120, 2.5880$ is the 20% darker color. If you saturate the color by 10%, you get $198.4540, -33.3330, 3.8750$, and if you desaturate by 10%, it is $226.8940, -11.3250, 1.4990$.

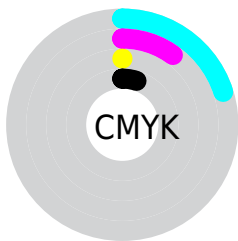
Distribution



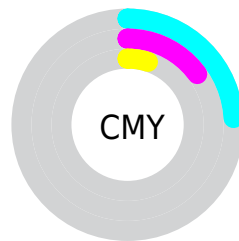
- Red (76%)
- Green (85%)
- Blue (95%)



- Red (76%)
- Yellow (82%)
- Blue (95%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6740, -22.3290, 2.6870 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 212.6740, -22.3290, 2.6870 by changing the saturation by 10% instead.

■ 212.6740,
-22.3290, 2.6870

■ 212.6740,
-22.3290, 2.6870

■ 255.0000, -0.0000,
-0.0000

■ 184.9730,
-21.7330, 2.8990

■ 253.5050, -2.9800,
-1.0600

■ 157.8590,
-21.4120, 2.5880

■ 131.7450,
-21.0910, 2.2770

■ 106.6310,
-20.7700, 1.9660

■ 81.5170, -20.4490,
1.6550

■ 58.4030, -20.1280,
1.3440

■ 35.3920, -21.5950,

0.3970

■ 16.6590, -17.9730,
0.8350

■ 2.5250, -5.7320,
4.7640

■ 212.6740,
-22.3290, 2.6870

■ 212.6740,
-22.3290, 2.6870

■ 198.4540,
-33.3330, 3.8750

■ 226.8940,
-11.3250, 1.4990

■ 183.6470,
-44.0620, 5.5860

■ 241.7010, -0.5960,
-0.2120

■ 169.1280,
-55.6620, 6.5620

■ 252.9310, 4.4480,
-3.5200

■ 154.9080,
-66.6660, 7.7500

■ 253.5180, 4.1730,
-4.0430

■ 140.1010,
-77.3950, 9.4610

■ 125.8810,
-88.3990, 10.6490

■ 111.6610,
-99.4030, 11.8370

■ 97.4410,
-110.4070, 13.0250

Harmonies

Analogous

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



210.6360, -28.3340, -4.1260



212.6740, -22.3290, 2.6870



215.0070, -9.9050, 8.8070

Triad

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



212.6740, -22.3290, 2.6870



216.9600, 23.8400, 8.4800



210.8710, -4.4910, -12.2270

Complementary

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



212.6740, -22.3290, 2.6870



222.3260, 22.3290, -2.6870

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.



212.6940, 9.3090, -9.0190



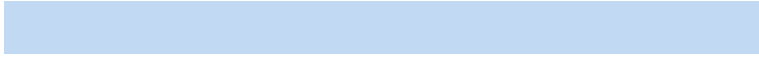
212.6740, -22.3290, 2.6870



215.8690, 25.3540, 3.0660

Square

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



212.6740, -22.3290, 2.6870



217.1750, 16.0450, 12.0850



214.1300, 19.9450, -3.5350



209.3410, -17.5580, -12.1980

Rectangle

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



212.6740, -22.3290, 2.6870



216.2640, -0.3230, 11.3650



214.1300, 19.9450, -3.5350



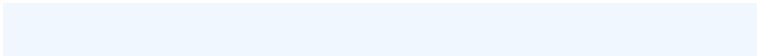
211.7360, 0.3230, -11.3650

Sweetspot

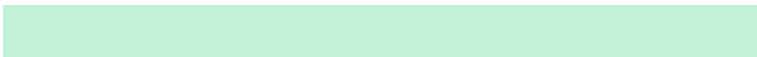
The Sweet Spot groups the original color and five complimentary colors.



212.6740, -22.3290, 2.6870



245.8190, -6.7400, 1.0040



224.4990, -21.1790, -18.1630



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



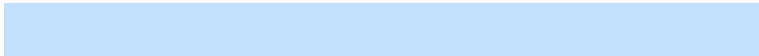
128.0000, -0.0000, -0.0000

Same Dimension

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



212.6740, -22.3290, 2.6870



218.5640, -27.8310, 3.2810



198.5860, -15.7290, 15.2390



112.8900, -5.5020, 0.5940



73.8060, -83.8140, 10.1540



22.8200, -25.6760, 2.7720

Inverse Universe

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



210.3870, 21.5000, 17.8520



215.6590, 26.7260, 22.2620



236.4140, 15.7290, -15.2390



112.2720, 5.2260, 4.4100



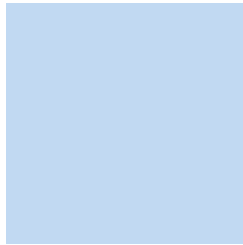
65.2760, 80.7740, 66.9980



19.9360, 24.3880, 20.5800

Previews

White Background



This preview shows how the YIQ color 212.6740, -22.3290, 2.6870 looks on a white background.

Color Contrast Check

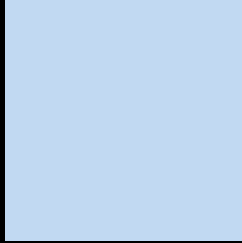
Large Text (above 18pt) WCAG AA × Fail

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 212.6740, -22.3290, 2.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

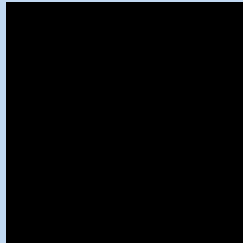
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

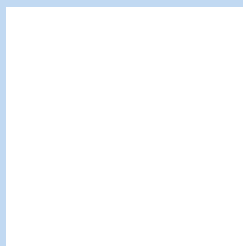
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.6740, -22.3290, 2.6870

Background



This preview shows how black text looks on a background with the YIQ color 212.6740, -22.3290, 2.6870.



This preview shows how white text looks on a background with the YIQ color 212.6740, -22.3290,

2.6870.

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

212.6740, -22.3290, 2.6870

Protanopia

214.4800, -9.8590, 7.9730

Deuteranopia

215.9910, -3.8080, 13.9520



Tritanopia

212.1640, -20.9530, -0.2250

Trichromacy



Original Color

212.6740, -22.3290, 2.6870

Protanomaly

213.9740, -14.3060, 5.9660

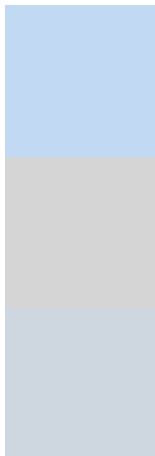
Deuteranomaly

214.6480, -10.2720, 9.9520

Tritanomaly

212.5060, -21.9160, 0.7080

Monochromacy



Original Color

212.6740, -22.3290, 2.6870

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7480, -7.9780, 1.4140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6740, -22.3290, 2.6870 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(193, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 242)  
}
```

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(193, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 242) }
```

Border

The CSS property to change the border of an element to YIQ 212.6740, -22.3290, 2.6870 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(193, 217, 242) }
```


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

```
.border{ border-color:rgb(193, 217, 242) }
```

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

Here you see how a box with a 4 pixel rgb(193, 217, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6740, -22.3290, 2.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 242) }
```

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

```
.background{ background-color: rgb(193,  
217, 242) }
```

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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