

Converting Colors

YIQ(214.2070, -22.5120, 0.4960)

Have a look what the booklet for
YIQ(214.2070, -22.5120, 0.4960)
contains.

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Color

**YIQ(214.2070, -22.5120,
0.4960)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DCF0
RGB	193, 220, 240
RGB Percent	76%, 86%, 94%
CMY	0.2432, 0.1372, 0.0589
CMYK	0.20, 0.08, 0.00, 0.06
HSL	205°, 61%, 85%
HSV	205°, 20%, 94%
XYZ	63.3093, 68.8178, 92.3637
YIQ	214.2070, -22.5120, 0.4960

Conversions

Conversions Part 2

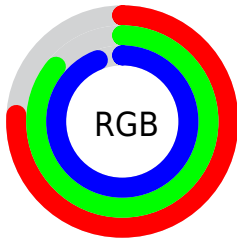
Format	Color
RYB	193, 210, 240
Decimal	12705008
CIELab	86.41, -4.78, -12.75
CIELCh	86, 13.616, 249.468
Yxy	68.8178, 0.2820, 0.3066
Android (android.graphics.Color)	4290895088 (0xFFC1DCF0)
YUV	214.2070, 12.7159, -18.5985
Hunter-Lab	82.9565, -8.9492, -7.9439

Details

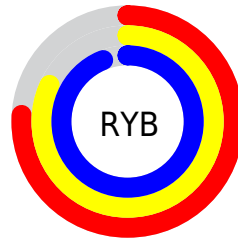
The YIQ color $214.2070, -22.5120, 0.4960$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.7930, 22.5120, -0.4960$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, -2.9800, -1.0600$, and $159.3920, -21.5950, 0.3970$ is the 20% darker color. If you saturate the color by 10%, you get $201.1610, -34.0660, 0.6380$, and if you desaturate by 10%, it is $227.2530, -10.9580, 0.3540$.

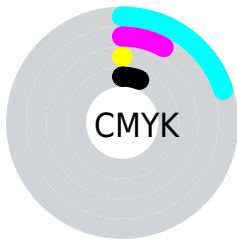
Distribution



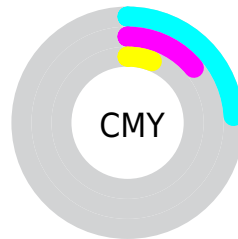
- Red (76%)
- Green (86%)
- Blue (94%)



- Red (76%)
- Yellow (82%)
- Blue (94%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.2070, -22.5120, 0.4960 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 214.2070, -22.5120, 0.4960 by changing the saturation by 10% instead.

■ 214.2070,
-22.5120, 0.4960

■ 214.2070,
-22.5120, 0.4960

■ 255.0000, -0.0000,
-0.0000

■ 186.5060,
-21.9160, 0.7080

■ 253.5050, -2.9800,
-1.0600

■ 159.3920,
-21.5950, 0.3970

■ 133.2780,
-21.2740, 0.0860

■ 107.5770,
-20.6780, 0.2980

■ 83.1640, -20.9530,
-0.2250

■ 60.0500, -20.6320,
-0.5360

■ 36.7510, -21.2280,

-0.7480

■ 17.7190, -18.2020,
-0.5220

■ 2.2970, -5.0900,
4.1420

■ 214.2070,
-22.5120, 0.4960

■ 214.2070,
-22.5120, 0.4960

■ 201.1610,
-34.0660, 0.6380

■ 227.2530,
-10.9580, 0.3540

■ 188.1150,
-45.6200, 0.7800

■ 240.2990, 0.5960,
0.2120

■ 174.4820,
-56.8990, 1.4450

■ 250.9420, 5.9150,
-2.5730

■ 161.4360,
-68.4530, 1.5870

■ 253.2900, 4.8150,
-4.6650

■ 148.3900,
-80.0070, 1.7290

■ 135.3440,
-91.5610, 1.8710

■ 122.2980,
-103.1150, 2.0130

■ 108.6650,
-114.3940, 2.6780

■ 108.3660,
-114.9900, 2.4660

Harmonies

Analogous

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



212.6640, -25.5370, -5.2570



214.2070, -22.5120, 0.4960



216.4580, -12.7930, 6.0790

Triad

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



214.2070, -22.5120, 0.4960



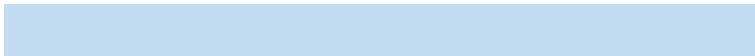
219.2200, 20.1720, 8.8760



214.2630, 0.2770, -10.5310

Complementary

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



214.2070, -22.5120, 0.4960



218.7930, 22.5120, -0.4960

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.



215.8300, 11.9220, -6.8140



214.2070, -22.5120, 0.4960



218.1400, 23.1530, 4.4090

Square

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



214.2070, -22.5120, 0.4960



219.3100, 11.2310, 11.2230



216.5970, 20.1280, -1.3440



212.5050, -12.1480, -11.1240

Rectangle

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



214.2070, -22.5120, 0.4960



217.7580, -4.7700, 9.3580



216.5970, 20.1280, -1.3440



214.3560, 4.4490, -9.0470

Sweetspot

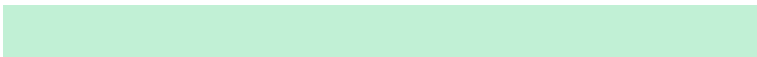
The Sweet Spot groups the original color and five complimentary colors.



214.2070, -22.5120, 0.4960



246.9930, -7.2900, -0.0420



222.8690, -19.3450, -18.3610



122.9610, -4.2640, 0.1840



0.0000, 0.0000, 0.0000



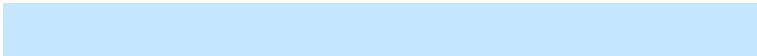
128.0000, -0.0000, -0.0000

Same Dimension

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



214.2070, -22.5120, 0.4960



222.6840, -28.2890, 0.5670



200.7060, -16.1870, 12.5250



113.4770, -5.7770, 0.0710



83.1980, -88.2140, 1.7860



25.1680, -26.7760, 0.6800

Inverse Universe

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



210.1310, 19.3450, 18.3610



217.5170, 24.2500, 23.0820



232.2940, 16.1870, -12.5250



112.3860, 4.9050, 4.7210



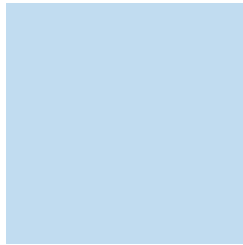
67.1000, 75.6380, 71.9740



20.3920, 23.1040, 21.8240

Previews

White Background



This preview shows how the YIQ color 214.2070, -22.5120, 0.4960 looks on a white background.

Color Contrast Check

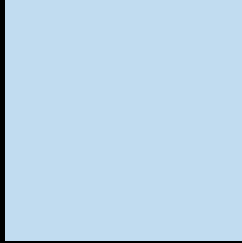
Large Text (above 18pt) WCAG AA × Fail

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 214.2070, -22.5120, 0.4960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

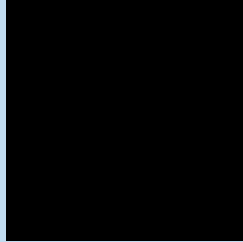
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

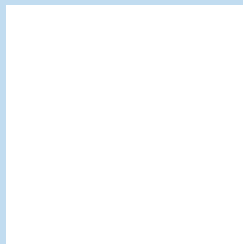
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 214.2070, -22.5120, 0.4960

Background



This preview shows how black text looks on a background with the YIQ color 214.2070, -22.5120, 0.4960.



This preview shows how white text looks on a background with the YIQ color 214.2070, -22.5120,

0.4960.

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

214.2070, -22.5120, 0.4960

Protanopia

216.5080, -7.0620, 6.8420

Deuteranopia

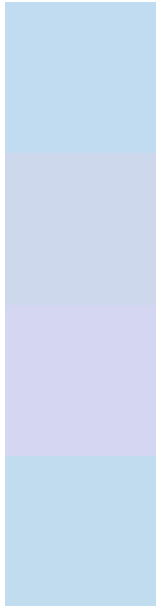
218.1330, -1.3320, 13.1320



Tritanopia

213.9790, -21.8700, -0.1260

Trichromacy



Original Color

214.2070, -22.5120, 0.4960

Protanomaly

215.4040, -12.7010, 4.4110

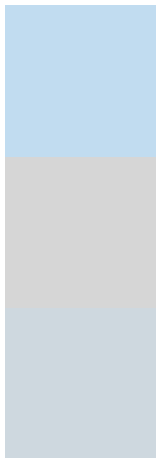
Deuteranomaly

216.7790, -9.2630, 8.1850

Tritanomaly

214.0930, -22.1910, 0.1850

Monochromacy



Original Color

214.2070, -22.5120, 0.4960

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.8080, -8.2070, 0.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.2070, -22.5120, 0.4960 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, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(193, 220, 240)  
}
```

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, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 220, 240) }
```

Border

The CSS property to change the border of an element to YIQ 214.2070, -22.5120, 0.4960 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, 220, 240) }
```


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

```
.border{ border-color:rgb(193, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(193, 220,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 214.2070, -22.5120, 0.4960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 220, 240) }
```

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

```
.background{ background-color: rgb(193,  
220, 240) }
```

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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