

Converting Colors

YIQ(225.7460, -22.8320,
-4.7200)

Have a look what the booklet for
YIQ(225.7460, -22.8320, -4.7200)
contains.

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Color

**YIQ(225.7460, -22.8320,
-4.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	C9EBF3
RGB	201, 235, 243
RGB Percent	79%, 92%, 95%
CMY	0.2118, 0.0784, 0.0471
CMYK	0.17, 0.03, 0.00, 0.05
HSL	191°, 64%, 87%
HSV	191°, 17%, 95%
XYZ	69.9686, 78.3093, 96.2019
YIQ	225.7460, -22.8320, -4.7200

Conversions

Conversions Part 2

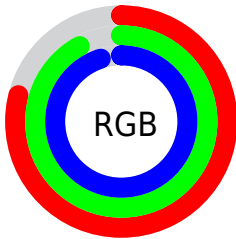
Format	Color
R _Y B	201, 220, 243
Decimal	13233139
CIE Lab	90.92, -9.40, -7.57
CIE LCh	91, 12.067, 218.834
Yxy	78.3093, 0.2862, 0.3203
Android (android.graphics.Color)	4291423219 (0xFFC9EBF3)
YUV	225.7460, 8.5062, -21.7022
Hunter-Lab	88.4925, -13.7270, -2.5105

Details

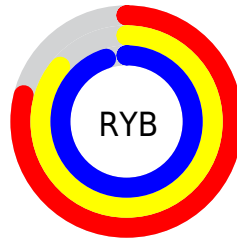
The YIQ color $225.7460, -22.8320, -4.7200$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.2540, 22.8320, 4.7200$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $170.0450, -22.2360, -4.5080$ is the 20% darker color. If you saturate the color by 10%, you get $215.6350, -35.7610, -7.1930$, and if you desaturate by 10%, it is $235.8570, -9.9030, -2.2470$.

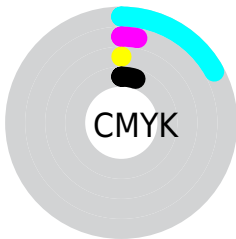
Distribution



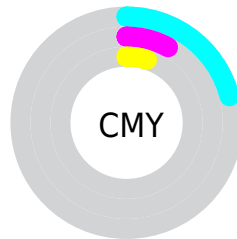
- Red (79%)
- Green (92%)
- Blue (95%)



- Red (79%)
- Yellow (86%)
- Blue (95%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.7460, -22.8320, -4.7200 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 225.7460, -22.8320, -4.7200 by changing the saturation by 10% instead.

■ 225.7460,
-22.8320, -4.7200

■ 225.7460,
-22.8320, -4.7200

255.0000, -0.0000,
-0.0000

■ 197.7460,
-22.8320, -4.7200

■ 170.0450,
-22.2360, -4.5080

■ 143.3440,
-21.6400, -4.2960

■ 118.2300,
-21.3190, -4.6070

■ 93.1160, -20.9980,
-4.9180

■ 69.4150, -20.4020,
-4.7060

■ 46.1160, -20.9980,

-4.9180

■ 23.8170, -21.5940,
-5.1300

■ 6.2750, -8.0240,
2.2480

■ 225.7460,
-22.8320, -4.7200

■ 225.7460,
-22.8320, -4.7200

■ 215.6350,
-35.7610, -7.1930

■ 235.8570, -9.9030,
-2.2470

■ 205.8120,
-49.5610, -10.4010

■ 245.6800, 3.8970,
0.9610

■ 195.7010,
-62.4900, -12.8740

■ 250.1100, 5.5020,
-0.5940

■ 186.1770,
-75.6940, -15.8700

■ 252.4580, 4.4020,
-2.6860

■ 175.7670,
-89.2190, -18.5550

■ 253.6320, 3.8520,
-3.7320

■ 165.6560,
-102.1480, -21.0280

■ 156.1320,
-115.3520, -24.0240

■ 146.0210,
-128.2810, -26.4970

■ 143.3410,
-132.1780, -27.4580

Harmonies

Analogous

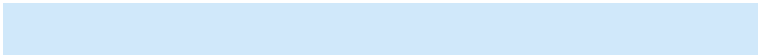
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.3780, -18.9800, -8.4520



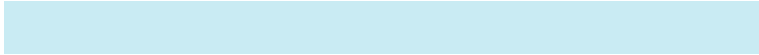
225.7460, -22.8320, -4.7200



226.8760, -20.0820, 0.5100

Triad

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



225.7460, -22.8320, -4.7200



231.2990, 9.7640, 10.2760



228.1720, 10.9590, -5.8810

Complementary

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



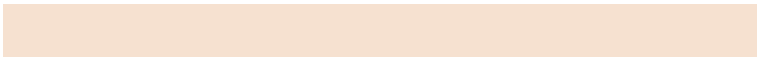
225.7460, -22.8320, -4.7200



218.2540, 22.8320, 4.7200

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.



229.3410, 17.9730, -0.8350



225.7460, -22.8320, -4.7200



231.4370, 18.0630, 8.5510

Square

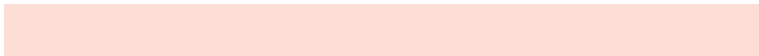
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.7460, -22.8320, -4.7200



230.7970, -0.5060, 9.1740



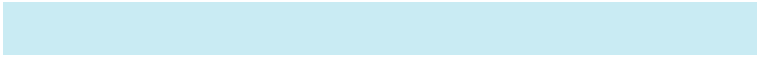
230.4710, 20.7230, 4.3950



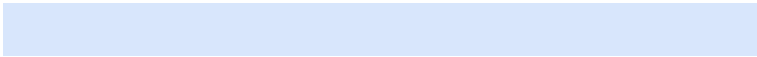
227.2030, 0.5060, -9.1740

Rectangle

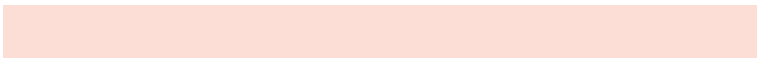
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.7460, -22.8320, -4.7200



228.3220, -15.4060, 3.8740



230.4710, 20.7230, 4.3950



228.7810, 13.6180, -4.5100

Sweetspot

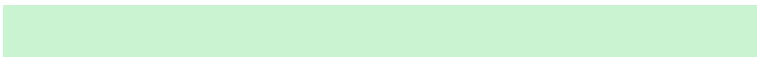
The Sweet Spot groups the original color and five complimentary colors.



225.7460, -22.8320, -4.7200



249.9390, -7.1980, -1.7100



226.5660, -14.1180, -19.4780



124.4340, -4.2180, -0.6500



0.0000, 0.0000, 0.0000



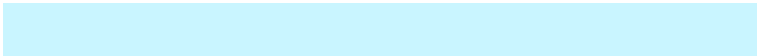
128.0000, -0.0000, -0.0000

Same Dimension

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



225.7460, -22.8320, -4.7200



232.9840, -29.4340, -6.2180



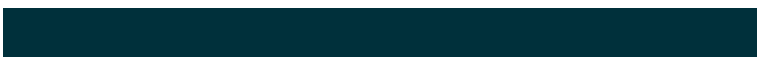
213.4190, -17.0570, 6.2630



117.2380, -6.6020, -1.4980



109.8410, -101.2310, -21.1270



34.9020, -32.1390, -6.7550

Inverse Universe

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



217.4340, 14.1180, 19.4780



222.1620, 18.0600, 25.1320



230.5810, 17.0570, -6.2630



114.7280, 3.9420, 5.6540



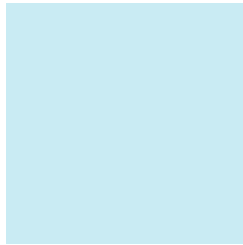
72.8280, 62.3850, 86.3930



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 225.7460, -22.8320, -4.7200 looks on a white background.

Color Contrast Check

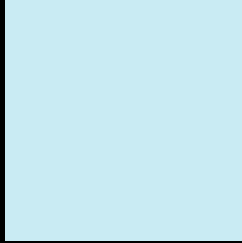
Large Text (above 18pt) WCAG AA × Fail

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 225.7460, -22.8320, -4.7200 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 225.7460, -22.8320, -4.7200

Background



This preview shows how black text looks on a background with the YIQ color 225.7460, -22.8320, -4.7200.



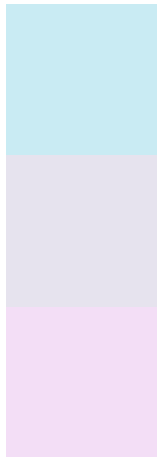
This preview shows how white text looks on a background with the YIQ color 225.7460, -22.8320, -4.7200.

-4.7200.

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

225.7460, -22.8320, -4.7200

Protanopia

229.1510, -1.7430, 4.0570

Deuteranopia

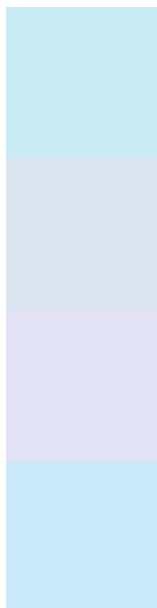
231.0150, 4.8120, 11.9160



Tritanopia

226.7830, -24.2540, -0.9740

Trichromacy



Original Color

225.7460, -22.8320, -4.7200

Protanomaly

227.8510, -9.7660, 0.7780

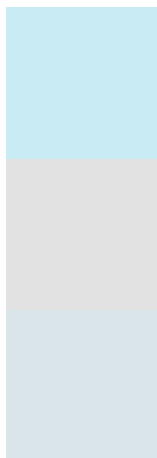
Deuteranomaly

229.3510, -5.1820, 5.8100

Tritanomaly

226.1420, -23.8870, -2.1190

Monochromacy



Original Color

225.7460, -22.8320, -4.7200

Achromatopsia

226.0000, -0.0000, 0.0000

Achromatomaly

225.7540, -8.1150, -1.6110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.7460, -22.8320, -4.7200 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(201, 235, 243)` looks like.

```
.text, #text, p{  
    color:rgb(201, 235, 243)  
}
```

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(201, 235, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 235, 243) }
```

Border

The CSS property to change the border of an element to YIQ 225.7460, -22.8320, -4.7200 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(201, 235, 243) }
```


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

```
.border{ border-color:rgb(201, 235, 243) }
```

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

Here you see how a box with a 4 pixel rgb(201, 235, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 235, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 235, 243);  
box-shadow:4px 4px 4px 4px rgb(201, 235,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 225.7460, -22.8320, -4.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 235, 243) }
```

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

```
.background{ background-color: rgb(201,  
235, 243) }
```

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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