

Converting Colors

YIQ(217.3750, -22.9250, 2.4750)

Have a look what the booklet for
YIQ(217.3750, -22.9250, 2.4750)
contains.

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Color

**YIQ(217.3750, -22.9250,
2.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DEF7
RGB	197, 222, 247
RGB Percent	77%, 87%, 97%
CMY	0.2275, 0.1294, 0.0315
CMYK	0.20, 0.10, 0.00, 0.03
HSL	210°, 76%, 87%
HSV	210°, 20%, 97%
XYZ	65.9313, 70.8306, 98.1697
YIQ	217.3750, -22.9250, 2.4750

Conversions

Conversions Part 2

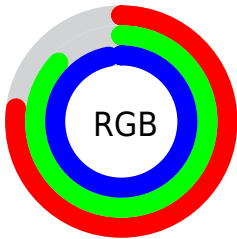
Format	Color
R _Y B	197, 214, 247
Decimal	12967671
CIE Lab	87.40, -3.09, -14.93
CIE LCh	87, 15.249, 258.304
Yxy	70.8306, 0.2806, 0.3015
Android (android.graphics.Color)	4291157751 (0xFFC5DEF7)
YUV	217.3750, 14.6051, -17.8689
Hunter-Lab	84.1609, -7.4456, -10.2462

Details

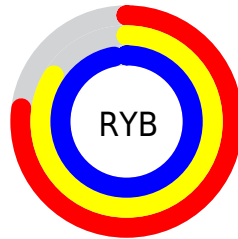
The YIQ color $217.3750, -22.9250, 2.4750$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $226.6250, 22.9250, -2.4750$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.7010, -0.5960, -0.2120$, and $162.5600, -22.0080, 2.3760$ is the 20% darker color. If you saturate the color by 10%, you get $202.8560, -34.5250, 3.4510$, and if you desaturate by 10%, it is $231.8940, -11.3250, 1.4990$.

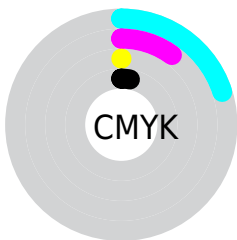
Distribution



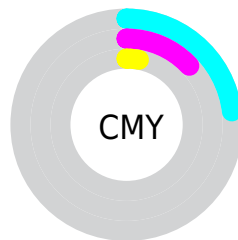
- Red (77%)
- Green (87%)
- Blue (97%)



- Red (77%)
- Yellow (84%)
- Blue (97%)



- Cyan (20%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3750, -22.9250, 2.4750 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 217.3750, -22.9250, 2.4750 by changing the saturation by 10% instead.

■ 217.3750,
-22.9250, 2.4750

■ 217.3750,
-22.9250, 2.4750

255.0000, -0.0000,
-0.0000

■ 189.2610,
-22.6040, 2.1640

254.7010, -0.5960,
-0.2120

■ 162.5600,
-22.0080, 2.3760

■ 136.1470,
-22.2830, 1.8530

■ 110.3320,
-21.3660, 1.7540

■ 86.2180, -21.0450,
1.4430

■ 62.1040, -20.7240,
1.1320

■ 39.3920, -21.5950,

0.3970

■ 19.4630, -20.3570,
-0.0130

■ 2.9810, -7.0160,
6.0080

■ 217.3750,
-22.9250, 2.4750

■ 217.3750,
-22.9250, 2.4750

■ 202.8560,
-34.5250, 3.4510

■ 231.8940,
-11.3250, 1.4990

■ 188.0490,
-45.2540, 5.1620

■ 246.7010, -0.5960,
-0.2120

■ 173.5300,
-56.8540, 6.1380

■ 254.0880, 2.5680,
-2.4880

■ 159.0110,
-68.4540, 7.1140

■ 144.2040,
-79.1830, 8.8250

■ 129.6850,
-90.7830, 9.8010

■ 115.1660,
-102.3830, 10.7770

■ 100.9460,
-113.3870, 11.9650

Harmonies

Analogous

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



215.3370, -28.9300, -4.3380



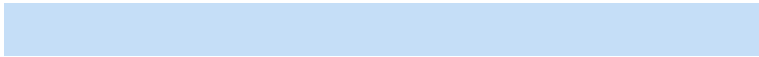
217.3750, -22.9250, 2.4750



219.7080, -10.5010, 8.5950

Triad

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



217.3750, -22.9250, 2.4750



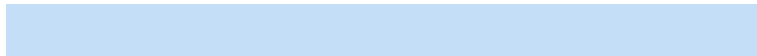
221.4870, 23.7940, 9.3140



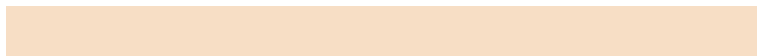
216.0560, -3.5740, -12.3260

Complementary

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



217.3750, -22.9250, 2.4750



226.6250, 22.9250, -2.4750

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.



217.6940, 9.3090, -9.0190



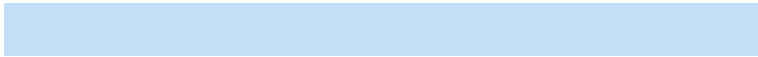
217.3750, -22.9250, 2.4750



220.8690, 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.



217.3750, -22.9250, 2.4750



222.1750, 16.0450, 12.0850



219.1300, 19.9450, -3.5350



214.3410, -17.5580, -12.1980

Rectangle

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



217.3750, -22.9250, 2.4750



221.0790, -1.2400, 11.4640



219.1300, 19.9450, -3.5350



216.6220, 0.6440, -11.6760

Sweetspot

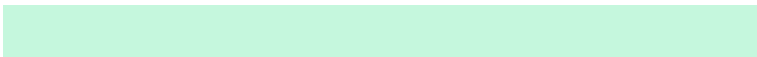
The Sweet Spot groups the original color and five complimentary colors.



217.3750, -22.9250, 2.4750



245.8190, -6.7400, 1.0040



229.0860, -21.4540, -18.6860



122.3740, -3.9890, 0.7070



0.0000, 0.0000, 0.0000



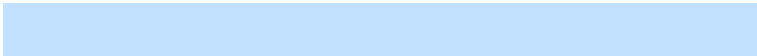
128.0000, -0.0000, -0.0000

Same Dimension

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



217.3750, -22.9250, 2.4750



218.5640, -27.8310, 3.2810



203.2870, -16.3250, 15.0270



114.8900, -5.5020, 0.5940



75.7950, -85.2810, 9.2070



23.7490, -26.9140, 3.1820

Inverse Universe

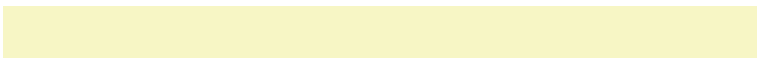
The Inverse Universe completely reimagines the original color for something new.



214.8000, 21.7750, 18.3750



215.6590, 26.7260, 22.2620



240.7130, 16.3250, -15.0270



114.2720, 5.2260, 4.4100



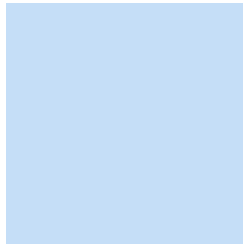
66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 217.3750, -22.9250, 2.4750 looks on a white background.

Color Contrast Check

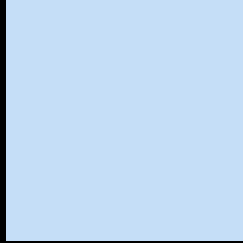
Large Text (above 18pt) WCAG AA × Fail

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 217.3750, -22.9250, 2.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

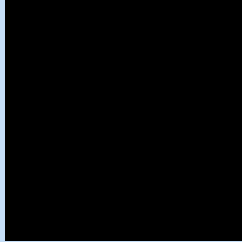
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

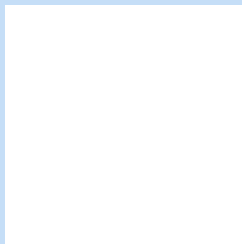
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.3750, -22.9250, 2.4750

Background



This preview shows how black text looks on a background with the YIQ color 217.3750, -22.9250, 2.4750.

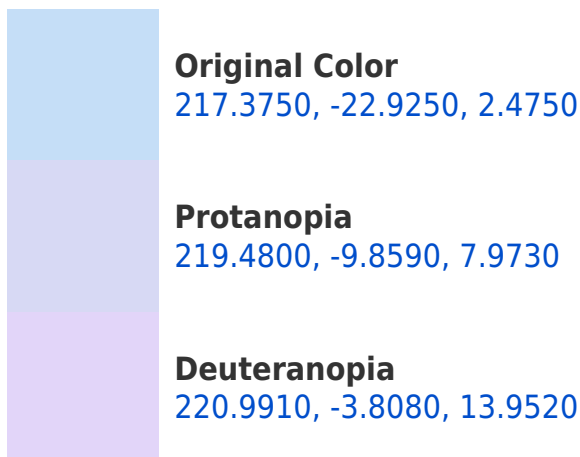


This preview shows how white text looks on a background with the YIQ color 217.3750, -22.9250,

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

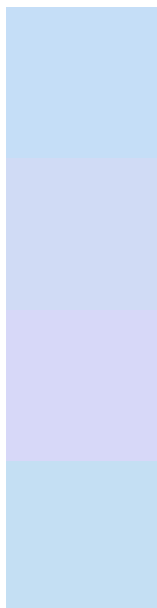




Tritanopia

216.9790, -21.8700, -0.1260

Trichromacy



Original Color

217.3750, -22.9250, 2.4750

Protanomaly

218.6750, -14.9020, 5.7540

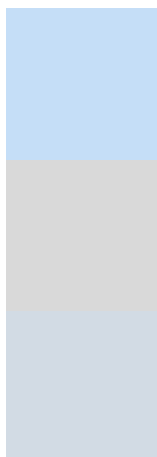
Deuteranomaly

219.3490, -10.8680, 9.7400

Tritanomaly

217.2070, -22.5120, 0.4960

Monochromacy



Original Color

217.3750, -22.9250, 2.4750

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.3350, -8.2530, 0.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.3750, -22.9250, 2.4750 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(197, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 247)  
}
```

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(197, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 247) }
```

Border

The CSS property to change the border of an element to YIQ 217.3750, -22.9250, 2.4750 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(197, 222, 247) }
```


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

```
.border{ border-color:rgb(197, 222, 247) }
```

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

Here you see how a box with a 4 pixel rgb(197, 222, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 217.3750, -22.9250, 2.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 247) }
```

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

```
.background{ background-color: rgb(197,  
222, 247) }
```

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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