

Converting Colors

YIQ(217.7510, -21.2280,
-0.7480)

Have a look what the booklet for
YIQ(217.7510, -21.2280, -0.7480)
contains.

YIQ(217.7510, -21.2280, -0.7480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(217.7510, -21.2280,
-0.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0F0
RGB	197, 224, 240
RGB Percent	77%, 88%, 94%
CMY	0.2275, 0.1215, 0.0589
CMYK	0.18, 0.07, 0.00, 0.06
HSL	202°, 59%, 86%
HSV	202°, 18%, 94%
XYZ	65.4056, 71.4757, 92.7678
YIQ	217.7510, -21.2280, -0.7480

Conversions

Conversions Part 2

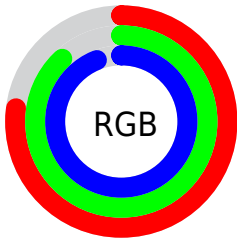
Format	Color
R_{YB}	197, 214, 240
Decimal	12968176
CIE _{Lab}	87.72, -5.62, -10.78
CIE _{LCh}	88, 12.158, 242.470
Yxy	71.4757, 0.2848, 0.3112
Android (android.graphics.Color)	4291158256 (0xFFC5E0F0)
YUV	217.7510, 10.9688, -18.1986
Hunter-Lab	84.5433, -9.8571, -5.8775

Details

The YIQ color **217.7510, -21.2280, -0.7480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **219.2490, 21.2280, 0.7480**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **254.7010, -0.5960, -0.2120**, and **162.9360, -20.3110, -0.8470** is the 20% darker color. If you saturate the color by 10%, you get **205.2920, -33.0570, -1.1290**, and if you desaturate by 10%, it is **230.2100, -9.3990, -0.3670**.

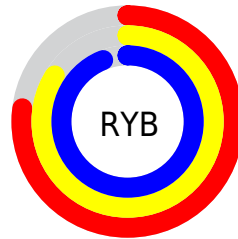
Distribution



Red (77%)

Green (88%)

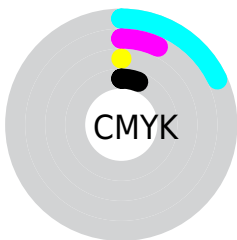
Blue (94%)



Red (77%)

Yellow (84%)

Blue (94%)

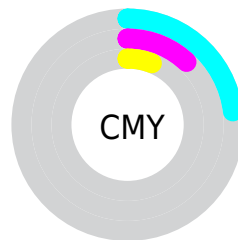


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.7510, -21.2280, -0.7480 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 217.7510, -21.2280, -0.7480 by changing the saturation by 10% instead.

■ 217.7510,
-21.2280, -0.7480

■ 217.7510,
-21.2280, -0.7480

255.0000, -0.0000,
-0.0000

■ 189.7510,
-21.2280, -0.7480

254.7010, -0.5960,
-0.2120

■ 162.9360,
-20.3110, -0.8470

■ 136.2350,
-19.7150, -0.6350

■ 111.1210,
-19.3940, -0.9460

■ 86.1210, -19.3940,
-0.9460

■ 63.0070, -19.0730,
-1.2570

■ 39.7080, -19.6690,

-1.4690

■ 19.4800, -19.0270,
-2.0910

■ 2.4110, -5.4110,
4.4530

■ 217.7510,
-21.2280, -0.7480

■ 217.7510,
-21.2280, -0.7480

■ 205.2920,
-33.0570, -1.1290

■ 230.2100, -9.3990,
-0.3670

■ 192.8330,
-44.8860, -1.5100

■ 242.6690, 2.4300,
0.0140

■ 180.3740,
-56.7150, -1.8910

■ 250.9420, 5.9150,
-2.5730

■ 167.9150,
-68.5440, -2.2720

■ 253.2900, 4.8150,
-4.6650

■ 155.4560,
-80.3730, -2.6530

■ 143.5840,
-92.4770, -3.5570

■ 131.1250,
-104.3060, -3.9380

■ 118.6660,
-116.1350, -4.3190

■ 115.9970,
-118.5650, -4.3330

Harmonies

Analogous

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



216.2190, -22.7860, -5.5540



217.7510, -21.2280, -0.7480



219.9200, -14.2140, 4.2980

Triad

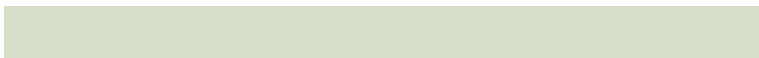
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.7510, -21.2280, -0.7480



222.3660, 16.8250, 8.9610



217.9860, 2.6150, -8.8490

Complementary

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



217.7510, -21.2280, -0.7480



219.2490, 21.2280, 0.7480

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.



219.4820, 13.0220, -4.7220



217.7510, -21.2280, -0.7480



221.9980, 20.6770, 5.2290

Square

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



217.7510, -21.2280, -0.7480



222.5160, 7.6550, 9.9510



221.0530, 18.8440, -0.1000



217.1850, -8.2510, -10.1630

Rectangle

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



217.7510, -21.2280, -0.7480



220.9210, -6.7870, 7.3650



221.0530, 18.8440, -0.1000



218.7800, 6.1910, -7.5770

Sweetspot

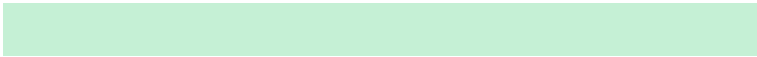
The Sweet Spot groups the original color and five complimentary colors.



217.7510, -21.2280, -0.7480



248.1780, -6.3730, -0.1410



224.0650, -16.9610, -17.5130



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



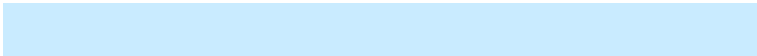
128.0000, -0.0000, -0.0000

Same Dimension

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



217.7510, -21.2280, -0.7480



227.1140, -26.6840, -0.9880



205.4240, -15.4530, 10.2350



113.4770, -5.7770, 0.0710



88.4810, -90.6890, -2.9210



26.9290, -27.6010, -0.8890

Inverse Universe

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



212.9350, 16.9610, 17.5130



221.0220, 21.2700, 22.0220



231.5760, 15.4530, -10.2350



112.3860, 4.9050, 4.7210



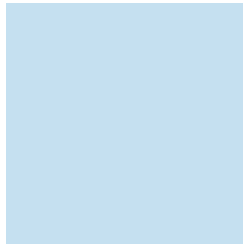
68.1260, 72.7490, 74.7730



20.7340, 22.1410, 22.7570

Previews

White Background



This preview shows how the YIQ color 217.7510, -21.2280, -0.7480 looks on a white background.

Color Contrast Check

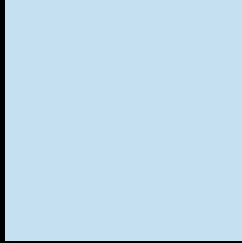
Large Text (above 18pt) WCAG AA × Fail

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 217.7510, -21.2280, -0.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

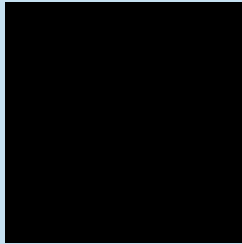
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

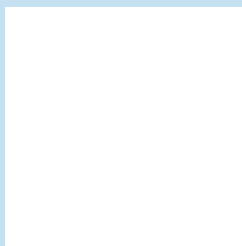
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.7510, -21.2280, -0.7480

Background



This preview shows how black text looks on a background with the YIQ color 217.7510, -21.2280, -0.7480.



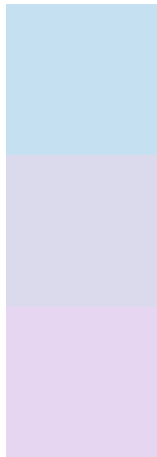
This preview shows how white text looks on a background with the YIQ color 217.7510, -21.2280,

-0.7480.

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

217.7510, -21.2280, -0.7480

Protanopia

220.3510, -5.1820, 5.8100

Deuteranopia

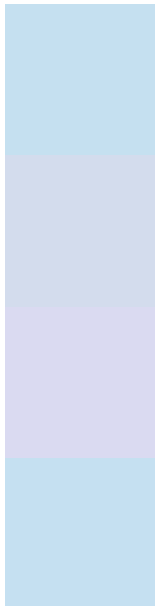
221.9760, 0.5480, 12.1000



Tritanopia

217.9790, -21.8700, -0.1260

Trichromacy



Original Color

217.7510, -21.2280, -0.7480

Protanomaly

219.2470, -10.8210, 3.3790

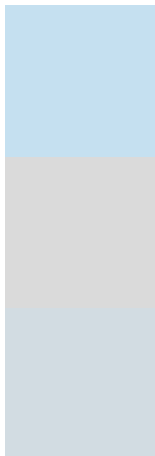
Deuteranomaly

220.6220, -7.3830, 7.1530

Tritanomaly

217.8650, -21.5490, -0.4370

Monochromacy



Original Color

217.7510, -21.2280, -0.7480

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.6940, -7.8860, -0.2540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7510, -21.2280, -0.7480 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, 224, 240)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 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(197, 224, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 240) }
```

Border

The CSS property to change the border of an element to YIQ 217.7510, -21.2280, -0.7480 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, 224, 240) }
```


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

```
.border{ border-color:rgb(197, 224, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 240);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7510, -21.2280, -0.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 240) }
```

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

```
.background{ background-color: rgb(197,  
224, 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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