

Converting Colors

YIQ(216.9500, -41.2620,
-12.1260)

Have a look what the booklet for
YIQ(216.9500, -41.2620, -12.1260)
contains.

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Color

**YIQ(216.9500, -41.2620,
-12.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	AAECF2
RGB	170, 236, 242
RGB Percent	67%, 93%, 95%
CMY	0.3335, 0.0744, 0.0511
CMYK	0.30, 0.02, 0.00, 0.05
HSL	185°, 73%, 81%
HSV	185°, 30%, 95%
XYZ	62.5931, 74.9568, 95.1397
YIQ	216.9500, -41.2620, -12.1260

Conversions

Conversions Part 2

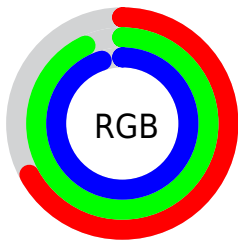
Format	Color
R _Y B	170, 204, 242
Decimal	11201778
CIE Lab	89.37, -19.18, -9.53
CIE LCh	89, 21.418, 206.411
Yxy	74.9568, 0.2690, 0.3221
Android (android.graphics.Color)	4289391858 (0xFFAAECF2)
YUV	216.9500, 12.3497, -41.1751
Hunter-Lab	86.5776, -22.4604, -4.5492

Details

The YIQ color **216.9500, -41.2620, -12.1260** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **195.0500, 41.2620, 12.1260**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6280, -16.6880, -5.9360**, and **161.2490, -40.6660, -11.9140** is the 20% darker color. If you saturate the color by 10%, you get **208.6000, -55.0160, -16.1680**, and if you desaturate by 10%, it is **225.3000, -27.5080, -8.0840**.

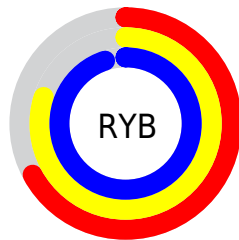
Distribution



Red (67%)

Green (93%)

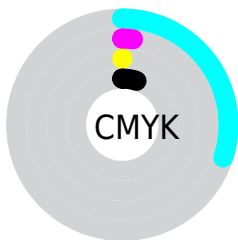
Blue (95%)



Red (67%)

Yellow (80%)

Blue (95%)

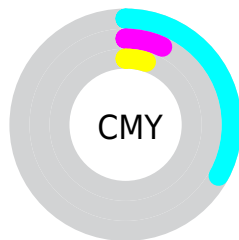


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.9500, -41.2620, -12.1260 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 216.9500, -41.2620, -12.1260 by changing the saturation by 10% instead.

■ 216.9500,
-41.2620, -12.1260

■ 216.9500,
-41.2620, -12.1260

■ 255.0000, -0.0000,
-0.0000

■ 188.9500,
-41.2620, -12.1260

■ 246.6280,
-16.6880, -5.9360

■ 161.2490,
-40.6660, -11.9140

■ 134.2490,
-40.6660, -11.9140

■ 107.9500,
-41.2620, -12.1260

■ 81.7540, -43.6460,
-12.9740

■ 55.2480, -48.0930,
-14.9810

■ 39.1250, -34.3850,

-10.1050

■ 23.8170, -21.5940,
-5.1300

■ 2.6390, -6.0530,
5.0750

■ 216.9500,
-41.2620, -12.1260

■ 216.9500,
-41.2620, -12.1260

■ 208.6000,
-55.0160, -16.1680

■ 225.3000,
-27.5080, -8.0840

■ 200.2500,
-68.7700, -20.2100

■ 233.6500,
-13.7540, -4.0420

■ 191.6010,
-83.1200, -24.4640

■ 242.2990, 0.5960,
0.2120

■ 183.2510,
-96.8740, -28.5060

■ 247.0610, 7.1980,
1.7100

■ 174.9010,
-110.6280, -32.5480

■ 248.2350, 6.6480,
0.6640

■ 166.5510,
-124.3820, -36.5900

■ 249.4090, 6.0980,
-0.3820

■ 158.2010,
-138.1360, -40.6320

■ 250.5830, 5.5480,
-1.4280

■ 157.9020,
-138.7320, -40.8440

■ 251.7570, 4.9980,
-2.4740

■ 252.9310, 4.4480,
-3.5200

Harmonies

Analogous

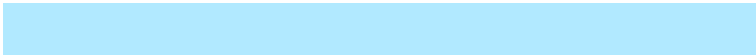
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.9480, -29.7530, -16.9610



216.9500, -41.2620, -12.1260



218.7640, -40.4380, -5.0300

Triad

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



216.9500, -41.2620, -12.1260



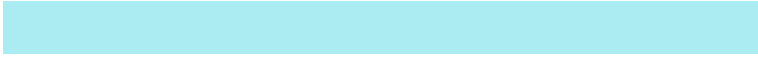
228.2270, 10.2670, 17.6830



223.9470, 24.7140, -7.3660

Complementary

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



216.9500, -41.2620, -12.1260



195.0500, 41.2620, 12.1260

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.



224.8110, 31.2690, 0.4930



216.9500, -41.2620, -12.1260



226.0940, 20.7670, 14.6150

Square

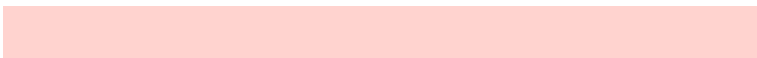
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.9500, -41.2620, -12.1260



225.4850, -8.2550, 11.9450



223.7000, 27.5080, 8.0840



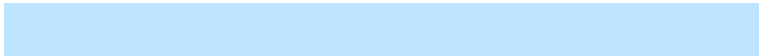
221.9340, 8.3930, -14.4470

Rectangle

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



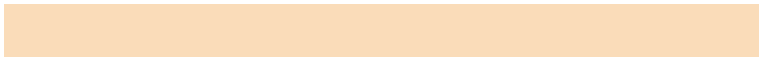
216.9500, -41.2620, -12.1260



220.3030, -31.5900, -0.1820



223.7000, 27.5080, 8.0840



224.9800, 29.1150, -4.5250

Sweetspot

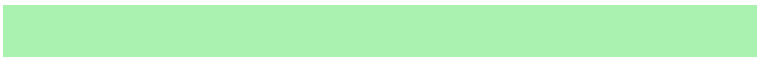
The Sweet Spot groups the original color and five complimentary colors.



216.9500, -41.2620, -12.1260



246.9490, -13.1580, -3.8300



212.8340, -21.4050, -36.1010



122.3410, -8.3900, -2.1340



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.



216.9500, -41.2620, -12.1260



222.7960, -52.6320, -15.3200



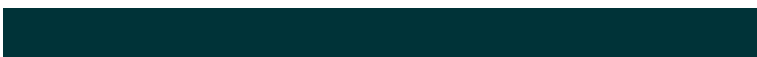
196.4050, -31.6370, 6.1790



115.8250, -6.8770, -2.0210



119.5920, -105.2640, -30.6400



36.3210, -32.0010, -9.2570

Inverse Universe

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



199.0520, 21.7260, 35.7900



200.0840, 27.8680, 45.6280



215.5950, 31.6370, -6.1790



112.8420, 3.6210, 5.9650



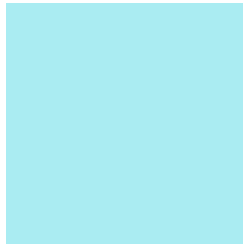
74.1680, 55.7360, 91.2560



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 216.9500, -41.2620, -12.1260 looks on a white background.

Color Contrast Check

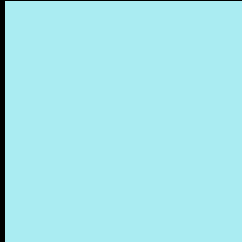
Large Text (above 18pt) WCAG AA × Fail

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 216.9500, -41.2620, -12.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

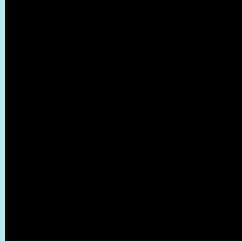
Any Text WCAG AA ✓ Pass

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 216.9500, -41.2620, -12.1260 Background



This preview shows how black text looks on a background with the YIQ color 216.9500, -41.2620, -12.1260.



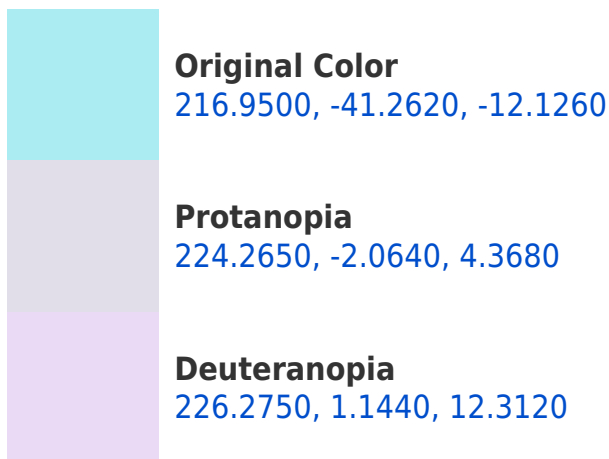
This preview shows how white text looks on a background with the YIQ color 216.9500, -41.2620, -12.1260.

-12.1260.

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

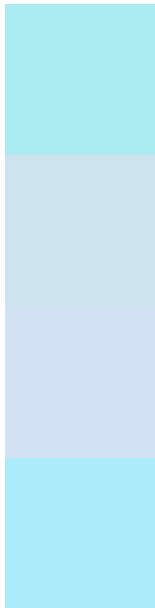




Tritanopia

217.9270, -42.4550, -7.0230

Trichromacy



Original Color

216.9500, -41.2620, -12.1260

Protanomaly

221.5620, -16.3220, -1.5540

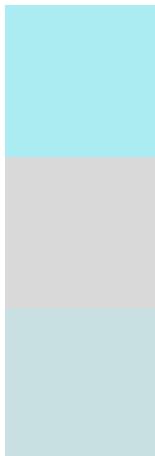
Deuteranomaly

223.0940, -14.7640, 3.2520

Tritanomaly

217.7590, -42.0420, -9.0020

Monochromacy



Original Color

216.9500, -41.2620, -12.1260

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0520, -14.9460, -4.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.9500, -41.2620, -12.1260 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(170, 236, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 236, 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(170, 236, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 236, 242) }
```

Border

The CSS property to change the border of an element to YIQ 216.9500, -41.2620, -12.1260 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(170, 236, 242) }
```


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

```
.border{ border-color:rgb(170, 236, 242) }
```

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

Here you see how a box with a 4 pixel rgb(170, 236, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 236, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 236, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 236,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 216.9500, -41.2620, -12.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 236, 242) }
```

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

```
.background{ background-color: rgb(170,  
236, 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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