

Converting Colors

YIQ(216.0630, -5.4520,
-22.3480)

Have a look what the booklet for
YIQ(216.0630, -5.4520, -22.3480)
contains.

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Color

**YIQ(216.0630, -5.4520,
-22.3480)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E8B8
RGB	197, 232, 184
RGB Percent	77%, 91%, 72%
CMY	0.2276, 0.0901, 0.2784
CMYK	0.15, 0.00, 0.21, 0.09
HSL	104°, 51%, 82%
HSV	104°, 21%, 91%
XYZ	60.5313, 73.0487, 56.2591
YIQ	216.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

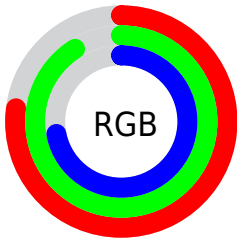
Format	Color
RYB	184, 232, 219
Decimal	12970168
CIELab	88.47, -20.13, 19.63
CIELCh	88, 28.117, 135.707
Yxy	73.0487, 0.3189, 0.3848
Android (android.graphics.Color)	4291160248 (0xFFC5E8B8)
YUV	216.0630, -15.8071, -16.7183
Hunter-Lab	85.4685, -23.1511, 20.8008

Details

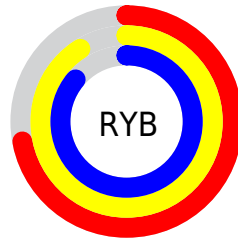
The YIQ color **216.0630, -5.4520, -22.3480** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.9370, 5.4520, 22.3480**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9910, 4.2190, -4.8770**, and **161.0030, -5.2230, -20.9910** is the 20% darker color. If you saturate the color by 10%, you get **208.3580, -8.2010, -33.1050**, and if you desaturate by 10%, it is **223.7680, -2.7030, -11.5910**.

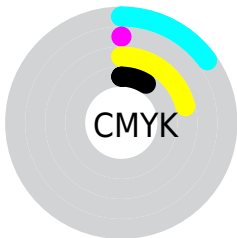
Distribution



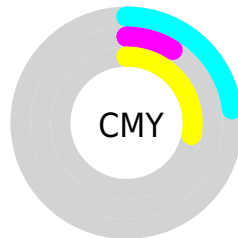
- Red (77%)
- Green (91%)
- Blue (72%)



- Red (72%)
- Yellow (91%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.0630, -5.4520, -22.3480 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 216.0630, -5.4520, -22.3480 by changing the saturation by 10% instead.

■ 216.0630, -5.4520,
-22.3480

■ 216.0630, -5.4520,
-22.3480

255.0000, -0.0000,
-0.0000

■ 188.1770, -5.7730,
-22.0370

■ 252.9910, 4.2190,
-4.8770

■ 161.0030, -5.2230,
-20.9910

■ 135.0030, -5.2230,
-20.9910

■ 109.5300, -5.2690,
-20.1570

■ 84.7580, -5.9110,
-19.5350

■ 61.2850, -5.9570,
-18.7010

■ 38.3990, -6.2780,

-18.3900

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 216.0630, -5.4520,
-22.3480

■ 216.0630, -5.4520,
-22.3480

■ 208.3580, -8.2010,
-33.1050

■ 223.7680, -2.7030,
-11.5910

■ 200.6530,
-10.9500, -43.8620

■ 231.4730, 0.0460,
-0.8340

■ 192.8340,
-13.3780, -54.9300

■ 239.2920, 2.4740,
10.2340

■ 185.1290,
-16.1270, -65.6870

■ 241.4990, 6.3250,
12.0290

■ 177.4240,
-18.8760, -76.4440

■ 169.7190,
-21.6250, -87.2010

■ 162.0140,
-24.3740, -97.9580

■ 155.0210,
-26.2520, -107.9800

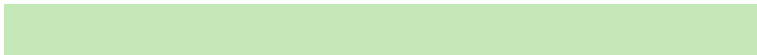
Harmonies

Analogous

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



219.3280, 18.8470, -16.6810



216.0630, -5.4520, -22.3480



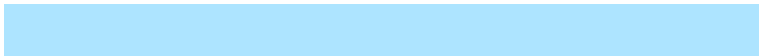
212.4760, -31.5400, -23.1240

Triad

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



216.0630, -5.4520, -22.3480



214.6330, -41.4470, -3.2630



219.2320, 29.0660, 12.8900

Complementary

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



216.0630, -5.4520, -22.3480



199.9370, 5.4520, 22.3480

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.



222.8970, 20.1240, 20.7640



216.0630, -5.4520, -22.3480



220.7010, -17.7910, 8.5530

Square

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



216.0630, -5.4520, -22.3480



211.5660, -57.6760, -12.0120



225.8830, 5.5440, 20.6800



219.4310, 35.3950, 2.8110

Rectangle

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



216.0630, -5.4520, -22.3480



210.6300, -46.5330, -21.2290



225.8830, 5.5440, 20.6800



220.2580, 26.1770, 15.6890

Sweetspot

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



216.0630, -5.4520, -22.3480



250.0010, -1.7410, -6.9970



218.3100, 19.2580, -7.6060



124.8810, -1.2830, -4.2830



0.0000, 0.0000, 0.0000



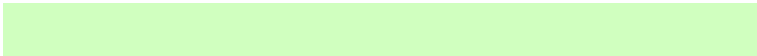
128.0000, -0.0000, -0.0000

Same Dimension

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



216.0630, -5.4520, -22.3480



233.6510, -7.4680, -29.8680



213.3160, -16.4100, -21.9940



110.9410, -1.5120, -5.6400



119.4250, -20.6170, -83.4410



34.1230, -5.6810, -23.7050

Inverse Universe

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



199.9370, 5.4520, 22.3480



212.3490, 7.4680, 29.8680



202.6840, 16.4100, 21.9940



107.0590, 1.5120, 5.6400



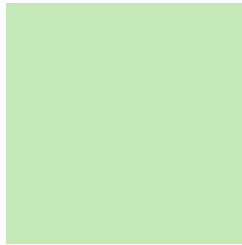
59.2760, 20.0210, 83.2290



16.8770, 5.6810, 23.7050

Previews

White Background



This preview shows how the YIQ color 216.0630, -5.4520, -22.3480 looks on a white background.

Color Contrast Check

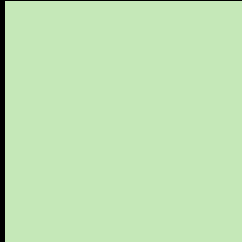
Large Text (above 18pt) WCAG AA × Fail

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 216.0630, -5.4520, -22.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

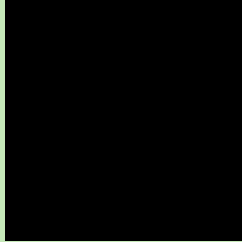
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

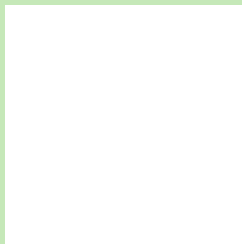
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.0630, -5.4520, -22.3480

Background



This preview shows how black text looks on a background with the YIQ color 216.0630, -5.4520, -22.3480.



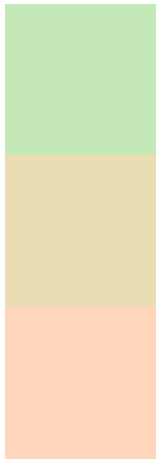
This preview shows how white text looks on a background with the YIQ color 216.0630, -5.4520,

-22.3480.

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

216.0630, -5.4520, -22.3480

Protanopia

220.3980, 21.8260, -10.0940

Deuteranopia

222.7080, 33.0570, 1.1290



Tritanopia

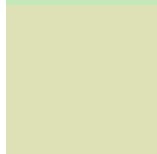
220.6700, -16.5060, 1.7820

Trichromacy



Original Color

216.0630, -5.4520, -22.3480



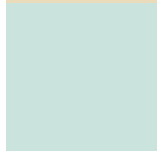
Protanomaly

218.7880, 11.7400, -14.5320



Deuteranomaly

220.4240, 18.9370, -7.2950



Tritanomaly

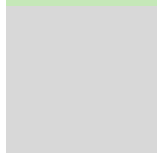
219.1400, -12.3780, -6.9540

Monochromacy



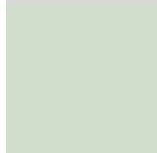
Original Color

216.0630, -5.4520, -22.3480



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.0610, -1.9700, -8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.0630, -5.4520, -22.3480 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, 232, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 184)  
}
```

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, 232, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 184) }
```

Border

The CSS property to change the border of an element to YIQ 216.0630, -5.4520, -22.3480 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, 232, 184) }
```


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

```
.border{ border-color:rgb(197, 232, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 232, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 216.0630, -5.4520, -22.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 184) }
```

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

```
.background{ background-color: rgb(197,  
232, 184) }
```

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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