

Converting Colors

YIQ(217.5620, -25.4900,
-11.6180)

Have a look what the booklet for
YIQ(217.5620, -25.4900, -11.6180)
contains.

YIQ(217.5620, -25.4900, -11.6180)	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(217.5620, -25.4900,
-11.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE8E2
RGB	186, 232, 226
RGB Percent	73%, 91%, 89%
CMY	0.2707, 0.0901, 0.1138
CMYK	0.20, 0.00, 0.03, 0.09
HSL	172°, 50%, 82%
HSV	172°, 20%, 91%
XYZ	62.8288, 73.6492, 82.8381
YIQ	217.5620, -25.4900, -11.6180

Conversions

Conversions Part 2

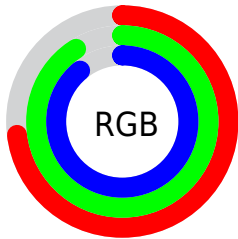
Format	Color
RYB	186, 211, 232
Decimal	12249314
CIELab	88.76, -15.98, -1.97
CIELCh	89, 16.101, 187.012
Yxy	73.6492, 0.2865, 0.3358
Android (android.graphics.Color)	4290439394 (0xFFBAE8E2)
YUV	217.5620, 4.1599, -27.6799
Hunter-Lab	85.8191, -19.5023, 2.8429

Details

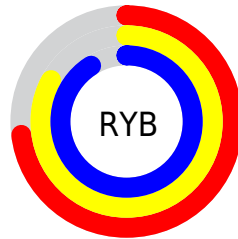
The YIQ color **217.5620, -25.4900, -11.6180** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.4380, 25.4900, 11.6180**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4120, -7.1520, -2.5440**, and **162.2740, -24.6190, -10.8830** is the 20% darker color. If you saturate the color by 10%, you get **210.3430, -38.2350, -17.4270**, and if you desaturate by 10%, it is **224.7810, -12.7450, -5.8090**.

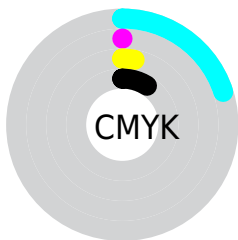
Distribution



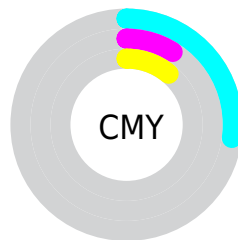
- Red (73%)
- Green (91%)
- Blue (89%)



- Red (73%)
- Yellow (83%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5620, -25.4900, -11.6180 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 217.5620, -25.4900, -11.6180 by changing the saturation by 10% instead.

■ 217.5620,
-25.4900, -11.6180

■ 217.5620,
-25.4900, -11.6180

■ 255.0000, -0.0000,
-0.0000

■ 189.8610,
-24.8940, -11.4060

■ 251.4120, -7.1520,
-2.5440

■ 162.2740,
-24.6190, -10.8830

■ 136.1600,
-24.2980, -11.1940

■ 110.5730,
-24.0230, -10.6710

■ 85.5730, -24.0230,
-10.6710

■ 61.5730, -24.0230,
-10.6710

■ 37.4910, -26.7280,

-11.2080

■ 21.2750, -17.1920,
-7.8160

■ 0.0000, 0.0000,
0.0000

■ 217.5620,
-25.4900, -11.6180

■ 217.5620,
-25.4900, -11.6180

■ 210.3430,
-38.2350, -17.4270

■ 224.7810,
-12.7450, -5.8090

■ 203.1240,
-50.9800, -23.2360

■ 232.0000, -0.0000,
0.0000

■ 195.6060,
-64.3210, -29.2570

■ 239.2190, 12.7450,
5.8090

■ 188.3870,
-77.0660, -35.0660

■ 239.5610, 11.7820,
6.7420

■ 181.1680,
-89.8110, -40.8750

■ 239.9030, 10.8190,
7.6750

■ 173.9490,
-102.5560, -46.6840

■ 240.2450, 9.8560,
8.6080

■ 166.7300,
-115.3010, -52.4930

■ 240.5870, 8.8930,
9.5410

■ 159.2120,
-128.6420, -58.5140

■ 240.9290, 7.9300,
10.4740

■ 241.2710, 6.9670,
11.4070

Harmonies

Analogous

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



218.4400, -13.5230, -13.7390



217.5620, -25.4900, -11.6180



218.0870, -31.2220, -6.8540

Triad

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



217.5620, -25.4900, -11.6180



224.8940, -2.1570, 11.5630



223.7500, 24.0710, -1.2170

Complementary

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



217.5620, -25.4900, -11.6180



200.4380, 25.4900, 11.6180

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.



225.2330, 27.3250, 5.8930



217.5620, -25.4900, -11.6180



225.9620, 12.3310, 13.3150

Square

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



217.5620, -25.4900, -11.6180



222.8320, -16.7820, 6.7860



225.7690, 23.0600, 11.6040



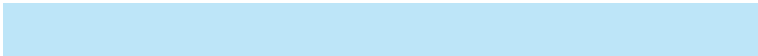
222.1570, 15.3150, -7.7330

Rectangle

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



217.5620, -25.4900, -11.6180



219.2060, -29.9390, -2.5710



225.7690, 23.0600, 11.6040



224.1140, 26.0420, 1.6100

Sweetspot

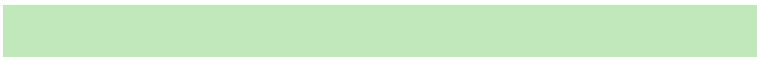
The Sweet Spot groups the original color and five complimentary colors.



217.5620, -25.4900, -11.6180



250.2870, -8.2980, -3.8020



214.7960, -9.0740, -22.7860



125.0810, -4.7220, -2.5300



0.0000, 0.0000, 0.0000



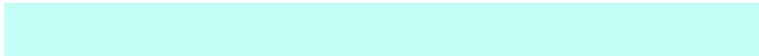
128.0000, -0.0000, -0.0000

Same Dimension

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



217.5620, -25.4900, -11.6180



235.8490, -33.7880, -15.4200



208.2670, -22.7410, -0.8610



111.1840, -6.5100, -3.1660



122.7430, -98.9800, -45.4120



34.9530, -28.1490, -12.9890

Inverse Universe

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



200.4380, 25.4900, 11.6180



213.1510, 33.7880, 15.4200



209.7330, 22.7410, 0.8610



106.8160, 6.5100, 3.1660



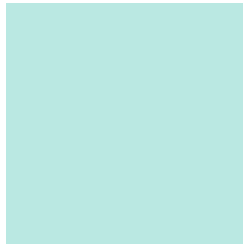
56.1430, 99.3010, 45.1010



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 217.5620, -25.4900, -11.6180 looks on a white background.

Color Contrast Check

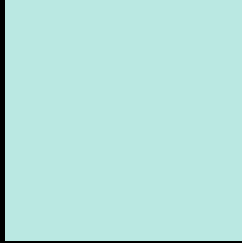
Large Text (above 18pt) WCAG AA × Fail

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 217.5620, -25.4900, -11.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

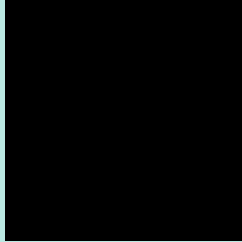
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

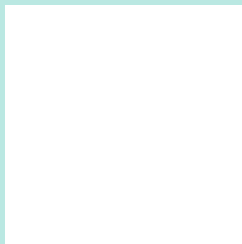
Any Text WCAG AAA ✓ Pass

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

YIQ 217.5620, -25.4900, -11.6180 Background



This preview shows how black text looks on a background with the YIQ color 217.5620, -25.4900, -11.6180.



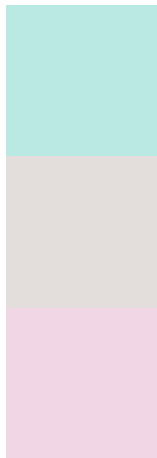
This preview shows how white text looks on a background with the YIQ color 217.5620, -25.4900, -11.6180.

-11.6180.

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

217.5620, -25.4900, -11.6180

Protanopia

222.6800, 3.8970, 0.9610

Deuteranopia

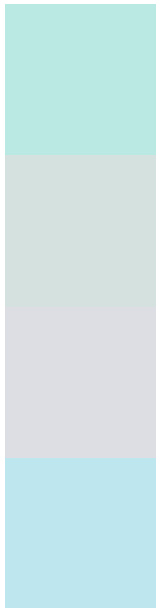
224.3700, 11.0020, 9.8660



Tritanopia

219.3910, -29.0220, -2.6700

Trichromacy



Original Color

217.5620, -25.4900, -11.6180

Protanomaly

220.7710, -6.7850, -3.6890

Deuteranomaly

221.7980, -2.2470, 2.1770

Tritanomaly

218.7670, -27.3250, -5.8930

Monochromacy



Original Color

217.5620, -25.4900, -11.6180

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.6890, -9.4900, -4.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5620, -25.4900, -11.6180 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(186, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 232, 226)  
}
```

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(186, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 232, 226) }
```

Border

The CSS property to change the border of an element to YIQ 217.5620, -25.4900, -11.6180 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(186, 232, 226) }
```


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

```
.border{ border-color:rgb(186, 232, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 232, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 232, 226);  
box-shadow:4px 4px 4px 4px rgb(186, 232,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5620, -25.4900, -11.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 232, 226) }
```

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

```
.background{ background-color: rgb(186,  
232, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor