

Converting Colors

YIQ(197.5850, -7.1020,
-25.4860)

Have a look what the booklet for
YIQ(197.5850, -7.1020, -25.4860)
contains.

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Color

**YIQ(197.5850, -7.1020,
-25.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD8A2
RGB	175, 216, 162
RGB Percent	69%, 85%, 64%
CMY	0.3139, 0.1529, 0.3647
CMYK	0.19, 0.00, 0.25, 0.15
HSL	106°, 41%, 74%
HSV	106°, 25%, 85%
XYZ	48.7538, 60.8393, 43.3576
YIQ	197.5850, -7.1020, -25.4860

Conversions

Conversions Part 2

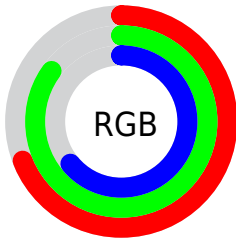
Format	Color
RYB	162, 216, 203
Decimal	11524258
CIELab	82.29, -23.43, 22.33
CIELCh	82, 32.364, 136.376
Yxy	60.8393, 0.3188, 0.3978
Android (android.graphics.Color)	4289714338 (0xFFAFD8A2)
YUV	197.5850, -17.5434, -19.8070
Hunter-Lab	77.9996, -24.9274, 21.6422

Details

The YIQ color $197.5850, -7.1020, -25.4860$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $180.4150, 7.1020, 25.4860$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.4920, -2.1060, -16.9060$, and $143.5250, -6.8730, -24.1290$ is the 20% darker color. If you saturate the color by 10%, you get $190.2930, -9.5760, -35.7200$, and if you desaturate by 10%, it is $204.8770, -4.6280, -15.2520$.

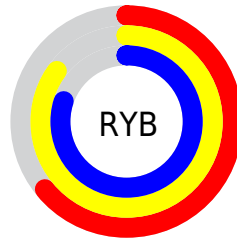
Distribution



Red (69%)

Green (85%)

Blue (64%)



Red (64%)

Yellow (85%)

Blue (80%)

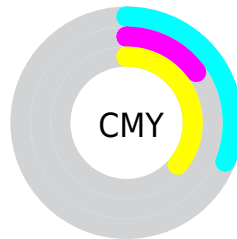


Cyan (19%)

Magenta (0%)

Yellow (25%)

Black (15%)



Cyan (31%)

Magenta (15%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 197.5850, -7.1020, -25.4860 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 197.5850, -7.1020, -25.4860 by changing the saturation by 10% instead.

 197.5850, -7.1020,
-25.4860


 197.5850, -7.1020,
-25.4860

255.0000, -0.0000,
-0.0000


 170.1120, -7.1480,
-24.6520


 243.4920, -2.1060,
-16.9060


 143.5250, -6.8730,
-24.1290

 253.9740, 2.8890,
-2.7990

 117.6390, -7.1940,
-23.8180

 92.5790, -6.9650,
-22.4610

 68.6930, -7.2860,
-22.1500

 45.0350, -8.2490,
-21.2170

 24.0890, -8.3410,

-19.5490

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 197.5850, -7.1020,
-25.4860

■ 197.5850, -7.1020,
-25.4860

■ 190.2930, -9.5760,
-35.7200

■ 204.8770, -4.6280,
-15.2520

■ 182.8160,
-12.9670, -45.8550

■ 212.3540, -1.2370,
-5.1170

■ 175.5240,
-15.4410, -56.0890

■ 219.6460, 1.2370,
5.1170

■ 168.0470,
-18.8320, -66.2240

■ 227.1230, 4.6280,
15.2520

■ 160.7550,
-21.3060, -76.4580

■ 232.1070, 10.7250,
20.3970

■ 153.1640,
-24.3760, -86.9040

■ 145.9860,
-27.1710, -96.8270

■ 142.3400,
-28.4080, -101.9440

Harmonies

Analogous

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



201.2310, 20.4980, -19.0700



197.5850, -7.1020, -25.4860



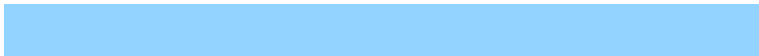
193.1330, -38.0040, -27.1240

Triad

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



197.5850, -7.1020, -25.4860



197.1680, -53.1390, -0.6190



205.2120, 40.9860, 17.1300

Complementary

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



197.5850, -7.1020, -25.4860



180.4150, 7.1020, 25.4860

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.



209.3330, 30.7600, 26.2480



197.5850, -7.1020, -25.4860



204.4540, -24.1650, 13.9390

Square

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



197.5850, -7.1020, -25.4860



191.2100, -71.2930, -13.0290



209.0450, 5.2680, 25.6840



205.0690, 48.2780, 6.1180

Rectangle

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



197.5850, -7.1020, -25.4860



190.4330, -56.3440, -25.1440



209.0450, 5.2680, 25.6840



205.7650, 38.0510, 20.7630

Sweetspot

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



197.5850, -7.1020, -25.4860



247.9360, -3.1160, -9.6120



202.2130, 20.9090, -9.9950



123.5280, -1.7870, -6.1630



0.0000, 0.0000, 0.0000



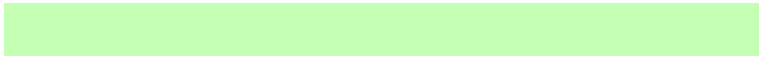
128.0000, -0.0000, -0.0000

Same Dimension

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



197.5850, -7.1020, -25.4860



228.9940, -10.1720, -35.9320



195.2940, -19.3440, -23.8880



103.3540, -1.2370, -5.1170



112.6360, -22.5890, -80.7410



28.2310, -5.8650, -20.3690

Inverse Universe

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



180.4150, 7.1020, 25.4860



205.0060, 10.1720, 35.9320



182.8200, 19.0230, 24.1990



99.9450, 1.8330, 5.3290



58.3640, 22.5890, 80.7410



14.7690, 5.8650, 20.3690

Previews

White Background



This preview shows how the YIQ color 197.5850, -7.1020, -25.4860 looks on a white background.

Color Contrast Check

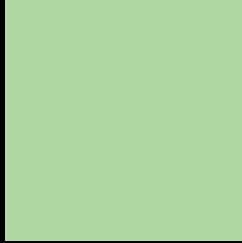
Large Text (above 18pt) WCAG AA × Fail

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 197.5850, -7.1020, -25.4860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

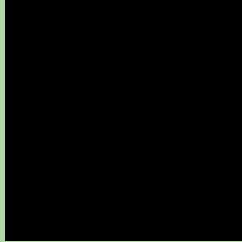
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.5850, -7.1020, -25.4860

Background



This preview shows how black text looks on a background with the YIQ color 197.5850, -7.1020, -25.4860.



This preview shows how white text looks on a background with the YIQ color 197.5850, -7.1020,

-25.4860.

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

197.5850, -7.1020, -25.4860

Protanopia

202.7140, 23.7520, -11.9600

Deuteranopia

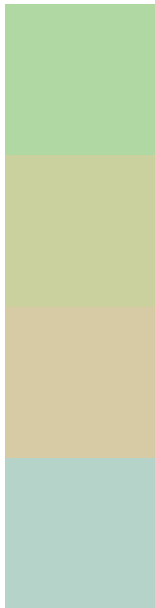
204.8390, 34.0660, -0.6380



Tritanopia

202.9470, -18.8440, 0.1000

Trichromacy



Original Color

197.5850, -7.1020, -25.4860

Protanomaly

200.5060, 12.4740, -16.8220

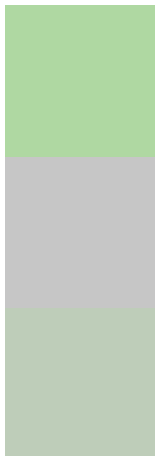
Deuteranomaly

201.9570, 18.7540, -9.4860

Tritanomaly

200.8900, -14.6700, -9.4700

Monochromacy



Original Color

197.5850, -7.1020, -25.4860

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.5850, -7.1020, -25.4860 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(175, 216, 162)` looks like.

```
.text, #text, p{  
    color:rgb(175, 216, 162)  
}
```

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(175, 216, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 216, 162) }
```

Border

The CSS property to change the border of an element to YIQ 197.5850, -7.1020, -25.4860 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(175, 216, 162) }
```


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

```
.border{ border-color:rgb(175, 216, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 216, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 216, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 216, 162);  
box-shadow:4px 4px 4px 4px rgb(175, 216,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 197.5850, -7.1020, -25.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 216, 162) }
```

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

```
.background{ background-color: rgb(175,  
216, 162) }
```

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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