

Converting Colors

YIQ(187.9850, 22.6920, 18.2760)

Have a look what the booklet for
YIQ(187.9850, 22.6920, 18.2760)
contains.

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Color

**YIQ(187.9850, 22.6920,
18.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAAC2
RGB	221, 170, 194
RGB Percent	87%, 67%, 76%
CMY	0.1332, 0.3334, 0.2391
CMYK	0.00, 0.23, 0.12, 0.13
HSL	332°, 43%, 77%
HSV	332°, 23%, 87%
XYZ	53.9397, 48.0149, 57.4745
YIQ	187.9850, 22.6920, 18.2760

Conversions

Conversions Part 2

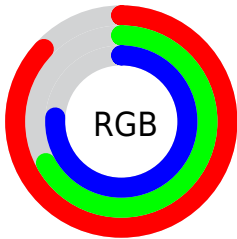
Format	Color
R _Y B	221, 170, 194
Decimal	14527170
CIE Lab	74.83, 22.43, -5.02
CIE LCh	75, 22.990, 347.377
Yxy	48.0149, 0.3383, 0.3012
Android (android.graphics.Color)	4292717250 (0xFFDDAAC2)
YUV	187.9850, 2.9654, 28.9542
Hunter-Lab	69.2928, 17.6878, -0.6728

Details

The YIQ color **187.9850, 22.6920, 18.2760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **203.0150, -22.6920, -18.2760**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.4070, 9.5800, 13.6120**, and **133.9740, 21.2250, 17.3290** is the 20% darker color. If you saturate the color by 10%, you get **173.7030, 32.5940, 26.0500**, and if you desaturate by 10%, it is **202.2670, 12.7900, 10.5020**.

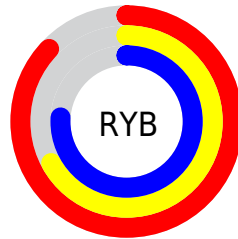
Distribution



Red (87%)

Green (67%)

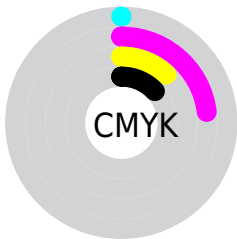
Blue (76%)



Red (87%)

Yellow (67%)

Blue (76%)

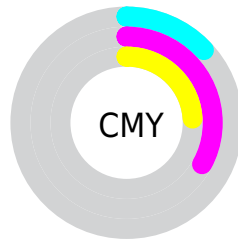


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (13%)



Cyan (13%)


Magenta (33%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 187.9850, 22.6920, 18.2760 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 187.9850, 22.6920, 18.2760 by changing the saturation by 10% instead.

 187.9850, 22.6920,
18.2760


 187.9850, 22.6920,
18.2760


255.0000, -0.0000,
-0.0000


 160.6860, 22.0960,
18.0640


 237.4070, 9.5800,
13.6120


 133.9740, 21.2250,
17.3290

 254.4130, 0.2750,
0.5230

 108.6750, 20.6290,
17.1170

 83.9630, 19.7580,
16.3820

 60.0660, 17.9700,
15.7460

 37.4680, 16.7780,
15.3220

 14.9950, 16.7320,

16.1560

■ 0.0000, 0.0000,
0.0000

■ 187.9850, 22.6920,
18.2760

■ 187.9850, 22.6920,
18.2760

■ 173.7030, 32.5940,
26.0500

■ 202.2670, 12.7900,
10.5020

■ 159.5350, 42.1750,
34.1350

■ 216.4350, 3.2090,
2.4170

■ 145.2530, 52.0770,
41.9090

■ 230.7170, -6.6930,
-5.3570

■ 130.9710, 61.9790,
49.6830

■ 243.2380,
-15.7700, -11.5620

■ 116.2160, 71.8350,
58.2910

■ 244.6060,
-19.6220, -7.8300

■ 101.9340, 81.7370,
66.0650

■ 244.8340,
-20.2640, -7.2080

■ 87.6520, 91.6390,
73.8390

■ 77.9350, 98.3320,
79.1960

Harmonies

Analogous

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



187.7040, 4.4900, 17.7540



187.9850, 22.6920, 18.2760



186.9830, 34.2010, 13.4410

Triad

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



187.9850, 22.6920, 18.2760



182.0980, 13.8030, -13.3730



176.6600, -46.0770, -7.4610

Complementary

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



187.9850, 22.6920, 18.2760



203.0150, -22.6920, -18.2760

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.



175.0700, -41.7200, -14.8400



187.9850, 22.6920, 18.2760



179.1110, -5.4070, -17.6550

Square

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



187.9850, 22.6920, 18.2760



184.4530, 29.1610, -5.3590



177.0470, -25.7180, -18.5020



180.8450, -35.9920, 2.5040

Rectangle

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



187.9850, 22.6920, 18.2760



186.6640, 36.3570, 7.4050



177.0470, -25.7180, -18.5020



175.6660, -46.2140, -10.4860

Sweetspot

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



187.9850, 22.6920, 18.2760



243.4080, 7.8390, 6.6150



183.5880, -0.8750, 21.3730



120.8590, 4.9510, 3.8870



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.



187.9850, 22.6920, 18.2760



208.9910, 31.7230, 25.3150



185.8360, 30.1210, 10.2890



102.8590, 4.9510, 3.8870



61.0750, 76.7860, 62.1780



16.2620, 20.3540, 16.5940

Inverse Universe

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



187.9850, 22.6920, 18.2760



208.9910, 31.7230, 25.3150



205.1640, -30.1210, -10.2890



102.8590, 4.9510, 3.8870



61.0750, 76.7860, 62.1780



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 187.9850, 22.6920, 18.2760 looks on a white background.

Color Contrast Check

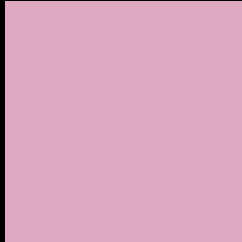
Large Text (above 18pt) WCAG AA × Fail

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 187.9850, 22.6920, 18.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

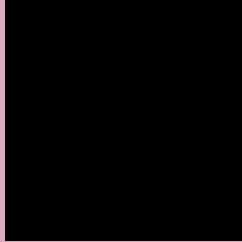
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.9850, 22.6920, 18.2760

Background



This preview shows how black text looks on a background with the YIQ color 187.9850, 22.6920, 18.2760.



This preview shows how white text looks on a background with the YIQ color 187.9850, 22.6920,

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

187.9850, 22.6920, 18.2760

Protanopia

185.1660, -6.0990, 5.9090

Deuteranopia

186.4620, 7.7470, 8.2830



Tritanopia

187.8340, 24.4350, 14.2190

Trichromacy



Original Color

187.9850, 22.6920, 18.2760

Protanomaly

186.0750, 4.5830, 10.5590

Deuteranomaly

187.2070, 13.0190, 11.8590

Tritanomaly

187.5890, 23.7470, 15.6750

Monochromacy



Original Color

187.9850, 22.6920, 18.2760

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9850, 22.6920, 18.2760 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(221, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 194)  
}
```

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(221, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 194) }
```

Border

The CSS property to change the border of an element to YIQ 187.9850, 22.6920, 18.2760 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(221, 170, 194) }
```


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

```
.border{ border-color:rgb(221, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 194);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9850, 22.6920, 18.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 194) }
```

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

```
.background{ background-color: rgb(221,  
170, 194) }
```

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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