

Converting Colors

YIQ(186.6990, -7.4230,
-25.1750)

Have a look what the booklet for
YIQ(186.6990, -7.4230, -25.1750)
contains.

YIQ(186.6990, -7.4230, -25.1750)	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(186.6990, -7.4230,
-25.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	A4CD98
RGB	164, 205, 152
RGB Percent	64%, 80%, 60%
CMY	0.3570, 0.1960, 0.4039
CMYK	0.20, 0.00, 0.26, 0.20
HSL	106°, 35%, 70%
HSV	106°, 26%, 80%
XYZ	42.8061, 53.8269, 37.8405
YIQ	186.6990, -7.4230, -25.1750

Conversions

Conversions Part 2

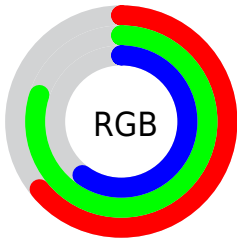
Format	Color
RYB	152, 205, 193
Decimal	10800536
CIELab	78.36, -23.47, 22.08
CIELCh	78, 32.220, 136.750
Yxy	53.8269, 0.3183, 0.4003
Android (android.graphics.Color)	4288990616 (0xFFA4CD98)
YUV	186.6990, -17.1066, -19.9070
Hunter-Lab	73.3668, -24.2455, 20.7767

Details

The YIQ color **186.6990, -7.4230, -25.1750** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.3010, 7.4230, 25.1750**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.0630, -5.4520, -22.3480**, and **133.3400, -7.7900, -24.0300** is the 20% darker color. If you saturate the color by 10%, you get **179.6350, -10.5390, -34.7870**, and if you desaturate by 10%, it is **193.8770, -4.6280, -15.2520**.

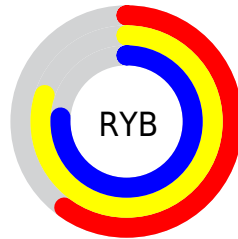
Distribution



Red (64%)

Green (80%)

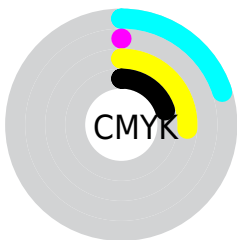
Blue (60%)



Red (60%)

Yellow (80%)

Blue (76%)

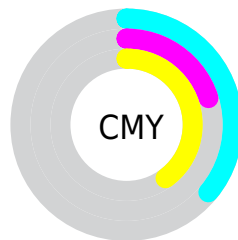


Cyan (20%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (36%)

Magenta (20%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.6990, -7.4230, -25.1750 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 186.6990, -7.4230, -25.1750 by changing the saturation by 10% instead.

■ 186.6990, -7.4230,
-25.1750

■ 186.6990, -7.4230,
-25.1750

■ 255.0000, -0.0000,
-0.0000

■ 159.2260, -7.4690,
-24.3410

■ 239.0630, -5.4520,
-22.3480

■ 133.3400, -7.7900,
-24.0300

■ 250.6270, 2.2480,
-7.7040

■ 107.7530, -7.5150,
-23.5070

■ 82.6930, -7.2860,
-22.1500

■ 58.9210, -7.9280,
-21.5280

■ 35.7360, -8.8450,
-21.4290

■ 18.7840, -8.8000,

-16.7360

0.0000, 0.0000,
0.0000

186.6990, -7.4230,
-25.1750

186.6990, -7.4230,
-25.1750

179.6350,
-10.5390, -34.7870

193.8770, -4.6280,
-15.2520

172.4570,
-13.3340, -44.7100

200.9410, -1.5120,
-5.6400

165.2790,
-16.1290, -54.6330

208.1190, 1.2830,
4.2830

158.2150,
-19.2450, -64.2450

214.8840, 3.8030,
13.6830

151.3360,
-21.4440, -73.9560

222.0620, 6.5980,
23.6060

■ 144.2720,
-24.5600, -83.5680

■ 225.6500, 13.7500,
26.1500

■ 137.0940,
-27.3550, -93.4910

■ 134.0890,
-28.9590, -97.4630

Harmonies

Analogous

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



190.3450, 20.1770, -18.7590



186.6990, -7.4230, -25.1750



182.5460, -37.7290, -26.6010

Triad

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



186.6990, -7.4230, -25.1750



187.2650, -54.7900, 1.7700



197.2020, 46.9460, 19.2500

Complementary

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



186.6990, -7.4230, -25.1750



170.3010, 7.4230, 25.1750

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.



198.5180, 31.6770, 26.1490



186.6990, -7.4230, -25.1750



194.5510, -25.8160, 16.3280

Square

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



186.6990, -7.4230, -25.1750



179.5090, -70.6970, -12.8170



197.9310, 5.5890, 25.3730



195.6670, 49.4700, 6.5420

Rectangle

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



186.6990, -7.4230, -25.1750



179.5470, -56.6650, -24.8330



197.9310, 5.5890, 25.3730



198.0430, 43.1400, 22.1480

Sweetspot

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



186.6990, -7.4230, -25.1750



247.9360, -3.1160, -9.6120



191.9140, 20.3130, -10.2070



123.5280, -1.7870, -6.1630



0.0000, 0.0000, 0.0000



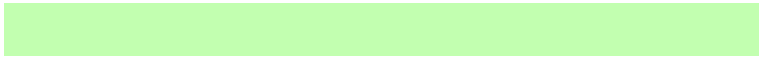
128.0000, -0.0000, -0.0000

Same Dimension

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



186.6990, -7.4230, -25.1750



227.7550, -10.9970, -37.5010



184.7070, -19.0690, -23.3650



98.4680, -1.5580, -4.8060



108.5050, -23.5980, -78.9740



24.9970, -5.0860, -17.9660

Inverse Universe

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



170.3010, 7.4230, 25.1750



203.2450, 10.9970, 37.5010



172.2930, 19.0690, 23.3650



95.5320, 1.5580, 4.8060



57.1960, 23.0020, 78.7620



13.3020, 5.6820, 18.1780

Previews

White Background



This preview shows how the YIQ color 186.6990, -7.4230, -25.1750 looks on a white background.

Color Contrast Check

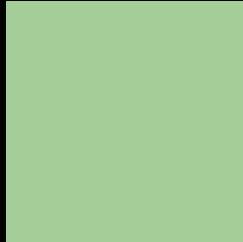
Large Text (above 18pt) WCAG AA × Fail

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 186.6990, -7.4230, -25.1750 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 186.6990, -7.4230, -25.1750

Background



This preview shows how black text looks on a background with the YIQ color 186.6990, -7.4230, -25.1750.



This preview shows how white text looks on a background with the YIQ color 186.6990, -7.4230, -25.1750.

-25.1750.

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

186.6990, -7.4230, -25.1750

Protanopia

191.9420, 23.1100, -11.3380

Deuteranopia

194.2410, 32.8740, -1.0620



Tritanopia

191.9470, -18.8440, 0.1000

Trichromacy



Original Color

186.6990, -7.4230, -25.1750

Protanomaly

189.7340, 11.8320, -16.2000

Deuteranomaly

191.6580, 18.1580, -9.6980

Tritanomaly

190.0040, -14.9910, -9.1590

Monochromacy



Original Color

186.6990, -7.4230, -25.1750

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2350, -2.5200, -9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6990, -7.4230, -25.1750 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(164, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 205, 152)  
}
```

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(164, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 205, 152) }
```

Border

The CSS property to change the border of an element to YIQ 186.6990, -7.4230, -25.1750 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(164, 205, 152) }
```


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

```
.border{ border-color:rgb(164, 205, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 205, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 205,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6990, -7.4230, -25.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 205, 152) }
```

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

```
.background{ background-color: rgb(164,  
205, 152) }
```

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