

Converting Colors

YIQ(206.6990, 18.9400,
-23.8760)

Have a look what the booklet for
YIQ(206.6990, 18.9400, -23.8760)
contains.

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Color

**YIQ(206.6990, 18.9400,
-23.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D991
RGB	210, 217, 145
RGB Percent	82%, 85%, 57%
CMY	0.1765, 0.1490, 0.4312
CMYK	0.03, 0.00, 0.33, 0.15
HSL	66°, 49%, 71%
HSV	66°, 33%, 85%
XYZ	56.5009, 65.3718, 36.4417
YIQ	206.6990, 18.9400, -23.8760

Conversions

Conversions Part 2

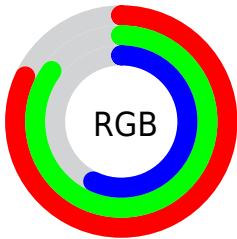
Format	Color
RYB	145, 217, 152
Decimal	13818257
CIELab	84.67, -13.53, 34.72
CIELCh	85, 37.262, 111.294
Yxy	65.3718, 0.3569, 0.4129
Android (android.graphics.Color)	4292008337 (0xFFD2D991)
YUV	206.6990, -30.4176, 2.8950
Hunter-Lab	80.8528, -16.7547, 29.8740

Details

The YIQ color $206.6990, 18.9400, -23.8760$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $155.3010, -18.9400, 23.8760$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $248.7300, 17.6550, -17.1050$, and $152.1550, 17.6560, -22.6320$ is the 20% darker color. If you saturate the color by 10%, you get $203.5930, 24.8100, -31.1420$, and if you desaturate by 10%, it is $209.8050, 13.0700, -16.6100$.

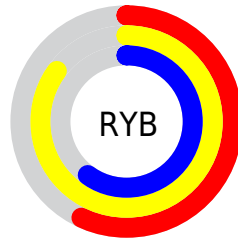
Distribution



Red (82%)

Green (85%)

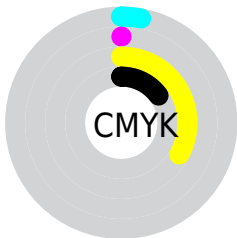
Blue (57%)



Red (57%)

Yellow (85%)

Blue (60%)

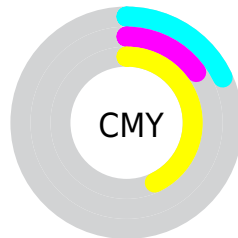


Cyan (3%)

Magenta (0%)

Yellow (33%)

Black (15%)



Cyan (18%)

Magenta (15%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.6990, 18.9400, -23.8760 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 206.6990, 18.9400, -23.8760 by changing the saturation by 10% instead.

■ 206.6990, 18.9400,
-23.8760

■ 206.6990, 18.9400,
-23.8760

255.0000, -0.0000,
-0.0000

■ 178.9270, 18.2980,
-23.2540

■ 248.7300, 17.6550,
-17.1050

■ 152.1550, 17.6560,
-22.6320

■ 251.9220, 8.6670,
-8.3970

■ 125.9700, 16.7390,
-22.5330

■ 100.7850, 15.8220,
-22.4340

■ 75.8990, 15.5010,
-22.1230

■ 52.8280, 14.2630,
-21.7130

■ 33.0370, 6.6050,

-15.0830

■ 12.9140, -6.0500,
-11.5060

■ 0.0000, 0.0000,
0.0000

■ 206.6990, 18.9400,
-23.8760

■ 206.6990, 18.9400,
-23.8760

■ 203.5930, 24.8100,
-31.1420

■ 209.8050, 13.0700,
-16.6100

■ 200.6010, 30.3590,
-38.0970

■ 212.7970, 7.5210,
-9.6550

■ 197.4950, 36.2290,
-45.3630

■ 215.9030, 1.6510,
-2.3890

■ 194.3890, 42.0990,
-52.6290

■ 219.0090, -4.2190,
4.8770

■ 191.0980, 47.0520,
-59.7960

■ 222.4140, -9.4930,
12.3550

■ 187.9920, 52.9220,
-67.0620

■ 223.1260, -8.6220,
13.0900

■ 185.9830, 57.1410,
-71.9390

■ 223.7240, -7.4300,
13.5140

■ 224.3220, -6.2380,
13.9380

■ 224.9200, -5.0460,
14.3620

Harmonies

Analogous

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



210.3650, 43.7880, -11.6360



206.6990, 18.9400, -23.8760



201.8290, -13.8410, -30.0090

Triad

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



206.6990, 18.9400, -23.8760



192.5290, -82.6170, -17.0570



210.8490, 29.2470, 26.1350

Complementary

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



206.6990, 18.9400, -23.8760



155.3010, -18.9400, 23.8760

Split Complementary

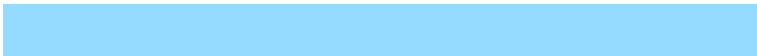
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.5020, 11.4110, 29.9950



206.6990, 18.9400, -23.8760



201.5870, -53.0010, -3.1210

Square

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



206.6990, 18.9400, -23.8760



190.9170, -81.1940, -26.3300



210.3900, -18.1130, 14.3910



206.8590, 40.4820, 15.2500

Rectangle

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



206.6990, 18.9400, -23.8760



198.3130, -38.6910, -31.1950



210.3900, -18.1130, 14.3910



213.3910, 24.8450, 28.8210

Sweetspot

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



206.6990, 18.9400, -23.8760



251.5520, 6.8330, -8.1990



170.0500, 41.2620, 12.1260



125.5780, 3.9440, -5.4000



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.



206.6990, 18.9400, -23.8760



240.3820, 26.7820, -33.8420



196.2340, -1.9200, -31.2960



108.4470, 2.9350, -3.6330



148.1950, 45.4010, -57.4070



39.2610, 11.7860, -15.3660

Inverse Universe

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



155.3010, -18.9400, 23.8760



167.6180, -26.7820, 33.8420



165.7660, 1.9200, 31.2960



100.5530, -2.9350, 3.6330



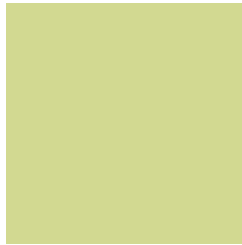
24.8050, -45.4010, 57.4070



6.4400, -12.3820, 15.1540

Previews

White Background



This preview shows how the YIQ color 206.6990, 18.9400, -23.8760 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 206.6990, 18.9400, -23.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

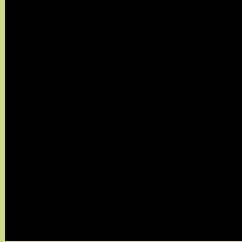
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

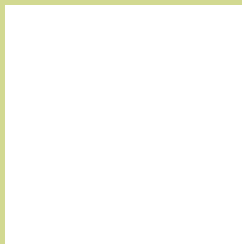
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.6990, 18.9400, -23.8760

Background



This preview shows how black text looks on a background with the YIQ color 206.6990, 18.9400, -23.8760.



This preview shows how white text looks on a background with the YIQ color 206.6990, 18.9400,

-23.8760.

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

206.6990, 18.9400, -23.8760

Protanopia

208.6300, 32.5560, -17.3320

Deuteranopia

210.4950, 46.5380, -6.4060



Tritanopia

212.7110, 2.6120, 7.7320

Trichromacy



Original Color

206.6990, 18.9400, -23.8760

Protanomaly

207.8250, 27.5130, -19.5510

Deuteranomaly

208.8310, 36.5440, -12.5120

Tritanomaly

210.6710, 8.1160, -3.9160

Monochromacy



Original Color

206.6990, 18.9400, -23.8760

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.0250, 6.8790, -9.0330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.6990, 18.9400, -23.8760 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(210, 217, 145)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 145)  
}
```

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(210, 217, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 145) }
```

Border

The CSS property to change the border of an element to YIQ 206.6990, 18.9400, -23.8760 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(210, 217, 145) }
```


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

```
.border{ border-color:rgb(210, 217, 145) }
```

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

Here you see how a box with a 4 pixel rgb(210, 217, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 145);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 206.6990, 18.9400, -23.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 145) }
```

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

```
.background{ background-color: rgb(210,  
217, 145) }
```

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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