

Converting Colors

YIQ(204.4110, 19.8110,
-23.1410)

Have a look what the booklet for
YIQ(204.4110, 19.8110, -23.1410)
contains.

YIQ(204.4110, 19.8110, -23.1410)	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(204.4110, 19.8110,
-23.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D68F
RGB	209, 214, 143
RGB Percent	82%, 84%, 56%
CMY	0.1804, 0.1608, 0.4391
CMYK	0.02, 0.00, 0.33, 0.16
HSL	64°, 46%, 70%
HSV	64°, 33%, 84%
XYZ	55.2980, 63.6315, 35.3677
YIQ	204.4110, 19.8110, -23.1410

Conversions

Conversions Part 2

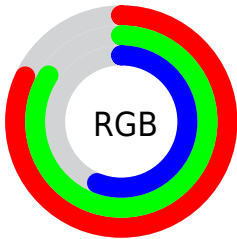
Format	Color
RYB	143, 214, 148
Decimal	13751951
CIELab	83.77, -12.65, 34.54
CIElCh	84, 36.785, 110.115
Yxy	63.6315, 0.3584, 0.4124
Android (android.graphics.Color)	4291942031 (0xFFD1D68F)
YUV	204.4110, -30.2756, 4.0246
Hunter-Lab	79.7694, -15.8560, 29.5509

Details

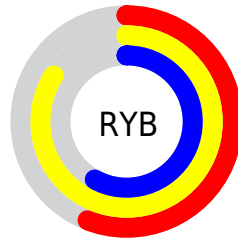
The YIQ color $204.4110, 19.8110, -23.1410$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $152.5890, -19.8110, 23.1410$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.3880, 18.6180, -18.0380$, and $149.8670, 18.5270, -21.8970$ is the 20% darker color. If you saturate the color by 10%, you get $201.4190, 25.3600, -30.0960$, and if you desaturate by 10%, it is $207.4030, 14.2620, -16.1860$.

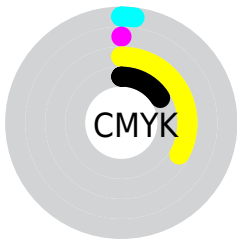
Distribution



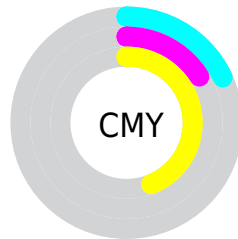
- Red (82%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.4110, 19.8110, -23.1410 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 204.4110, 19.8110, -23.1410 by changing the saturation by 10% instead.

■ 204.4110, 19.8110,
-23.1410

■ 204.4110, 19.8110,
-23.1410

255.0000, -0.0000,
-0.0000

■ 176.6390, 19.1690,
-22.5190

■ 248.3880, 18.6180,
-18.0380

■ 149.8670, 18.5270,
-21.8970

■ 251.6940, 9.3090,
-9.0190

■ 123.6820, 17.6100,
-21.7980

■ 98.4970, 16.6930,
-21.6990

■ 74.3120, 15.7760,
-21.6000

■ 51.3550, 14.2170,
-20.8790

■ 31.5640, 6.5590,

-14.2490

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 204.4110, 19.8110,
-23.1410

■ 204.4110, 19.8110,
-23.1410

■ 201.4190, 25.3600,
-30.0960

■ 207.4030, 14.2620,
-16.1860

■ 198.6120, 31.8260,
-37.1500

■ 210.2100, 7.7960,
-9.1320

■ 195.6200, 37.3750,
-44.1050

■ 213.2020, 2.2470,
-2.1770

■ 192.8130, 43.8410,
-51.1590

■ 216.0090, -4.2190,
4.8770

■ 189.8210, 49.3900,
-58.1140

■ 219.0010, -9.7680,
11.8320

■ 187.1280, 55.5350,
-64.8570

■ 219.8700,
-10.7770, 13.5990

■ 185.1190, 59.7540,
-69.7340

■ 220.4680, -9.5850,
14.0230

■ 220.7670, -8.9890,
14.2350

■ 221.3650, -7.7970,
14.6590

Harmonies

Analogous

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



207.8920, 43.7420, -10.8020



204.4110, 19.8110, -23.1410



199.4270, -12.6490, -29.5850

Triad

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



204.4110, 19.8110, -23.1410



191.0560, -82.6630, -16.2230



209.5610, 30.1180, 26.8700

Complementary

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



204.4110, 19.8110, -23.1410



152.5890, -19.8110, 23.1410

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.



214.0180, 9.8980, 29.8820



204.4110, 19.8110, -23.1410



199.2170, -54.8350, -2.9230

Square

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



204.4110, 19.8110, -23.1410



189.1730, -79.0390, -26.8390



208.0200, -19.9470, 14.5890



205.5710, 41.3530, 15.9850

Rectangle

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



204.4110, 19.8110, -23.1410



196.0960, -36.5820, -30.8700



208.0200, -19.9470, 14.5890



211.9890, 26.0370, 29.2450

Sweetspot

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



204.4110, 19.8110, -23.1410



251.5520, 6.8330, -8.1990



167.1640, 40.9410, 12.4370



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.



204.4110, 19.8110, -23.1410



241.2790, 28.5700, -33.2060



193.9460, -1.0490, -30.5610



105.4470, 2.9350, -3.6330



147.9180, 47.7390, -55.7250



37.2010, 12.0150, -14.0090

Inverse Universe

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



152.5890, -19.8110, 23.1410



166.7210, -28.5700, 33.2060



163.0540, 1.0490, 30.5610



97.5530, -2.9350, 3.6330



23.0820, -47.7390, 55.7250



5.7990, -12.0150, 14.0090

Previews

White Background



This preview shows how the YIQ color 204.4110, 19.8110, -23.1410 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 204.4110, 19.8110, -23.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

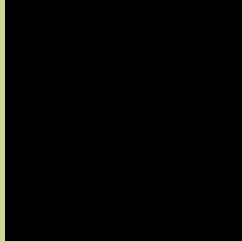
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.4110, 19.8110, -23.1410

Background



This preview shows how black text looks on a background with the YIQ color 204.4110, 19.8110, -23.1410.



This preview shows how white text looks on a background with the YIQ color 204.4110, 19.8110,

-23.1410.

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

204.4110, 19.8110, -23.1410

Protanopia

206.3310, 31.9600, -17.5440

Deuteranopia

208.4950, 46.5380, -6.4060



Tritanopia

210.3090, 3.8040, 8.1560

Trichromacy



Original Color

204.4110, 19.8110, -23.1410

Protanomaly

205.8250, 27.5130, -19.5510

Deuteranomaly

206.8310, 36.5440, -12.5120

Tritanomaly

208.2690, 9.3080, -3.4920

Monochromacy



Original Color

204.4110, 19.8110, -23.1410

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.4380, 7.1540, -8.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4110, 19.8110, -23.1410 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(209, 214, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 214, 143)  
}
```

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(209, 214, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 214, 143) }
```

Border

The CSS property to change the border of an element to YIQ 204.4110, 19.8110, -23.1410 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(209, 214, 143) }
```


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

```
.border{ border-color:rgb(209, 214, 143) }
```

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

Here you see how a box with a 4 pixel rgb(209, 214, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 214, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 214, 143);  
box-shadow:4px 4px 4px 4px rgb(209, 214,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4110, 19.8110, -23.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 214, 143) }
```

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

```
.background{ background-color: rgb(209,  
214, 143) }
```

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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