

Converting Colors

YIQ(199.5110, 22.1050,
-31.6790)

Have a look what the booklet for
YIQ(199.5110, 22.1050, -31.6790)
contains.

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Color

**YIQ(199.5110, 22.1050,
-31.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D679
RGB	201, 214, 121
RGB Percent	79%, 84%, 47%
CMY	0.2119, 0.1607, 0.5253
CMYK	0.06, 0.00, 0.43, 0.16
HSL	68°, 53%, 66%
HSV	68°, 43%, 84%
XYZ	51.5829, 61.8916, 27.3298
YIQ	199.5110, 22.1050, -31.6790

Conversions

Conversions Part 2

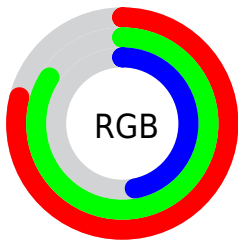
Format	Color
RYB	121, 214, 134
Decimal	13227641
CIELab	82.86, -18.26, 44.28
CIELCh	83, 47.898, 112.410
Yxy	61.8916, 0.3663, 0.4396
Android (android.graphics.Color)	4291417721 (0xFFC9D679)
YUV	199.5110, -38.7059, 1.3059
Hunter-Lab	78.6712, -20.6364, 34.4729

Details

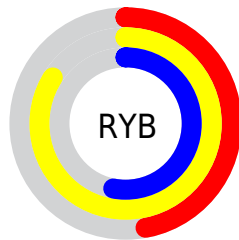
The YIQ color **199.5110, 22.1050, -31.6790** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **135.4890, -22.1050, 31.6790**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.8800, 25.6800, -24.8800**, and **144.6680, 20.2250, -30.6470** is the 20% darker color. If you saturate the color by 10%, you get **196.2200, 27.0580, -38.8460**, and if you desaturate by 10%, it is **202.8020, 17.1520, -24.5120**.

Distribution



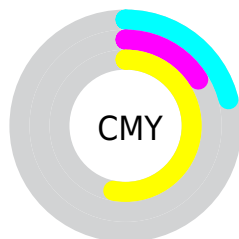
- Red (79%)
- Green (84%)
- Blue (47%)



- Red (47%)
- Yellow (84%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5110, 22.1050, -31.6790 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 199.5110, 22.1050, -31.6790 by changing the saturation by 10% instead.

■ 199.5110, 22.1050,
-31.6790

■ 199.5110, 22.1050,
-31.6790

255.0000, -0.0000,
-0.0000

■ 171.7390, 21.4630,
-31.0570

■ 245.8800, 25.6800,
-24.8800

■ 144.6680, 20.2250,
-30.6470

■ 249.0720, 16.6920,
-16.1720

■ 118.7820, 19.9040,
-30.3360

■ 252.2640, 7.7040,
-7.4640

■ 92.8420, 19.6750,
-31.6930

■ 69.3410, 16.8320,
-29.7280

■ 48.6640, 8.8530,
-22.7870

■ 27.9760, -0.5930,

-16.7930

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 199.5110, 22.1050,
-31.6790

■ 199.5110, 22.1050,
-31.6790

■ 196.2200, 27.0580,
-38.8460

■ 202.8020, 17.1520,
-24.5120

■ 192.8150, 32.3320,
-46.3240

■ 206.2070, 11.8780,
-17.0340

■ 189.5240, 37.2850,
-53.4910

■ 209.4980, 6.9250,
-9.8670

■ 186.1190, 42.5590,
-60.9690

■ 212.9030, 1.6510,
-2.3890

■ 182.8280, 47.5120,
-68.1360

■ 216.1940, -3.3020,
4.7780

■ 180.6340, 50.8140,
-72.9140

■ 219.4850, -8.2550,
11.9450

■ 221.0660, -8.3930,
14.4470

■ 221.9630, -6.6050,
15.0830

■ 222.8600, -4.8170,
15.7190

Harmonies

Analogous

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



203.8790, 53.7840, -16.5840



199.5110, 22.1050, -31.6790



193.1390, -20.9460, -38.9140

Triad

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



199.5110, 22.1050, -31.6790



161.1450, -143.7300, -38.3700



201.7020, 34.3350, 33.0470

Complementary

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



199.5110, 22.1050, -31.6790



135.4890, -22.1050, 31.6790

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.



211.2520, 18.2870, 37.5430



199.5110, 22.1050, -31.6790



188.7740, -72.7610, -8.4490

Square

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



199.5110, 22.1050, -31.6790



162.2560, -139.9690, -45.9610



203.8890, -20.9560, 16.3560



197.0450, 48.8260, 18.2180

Rectangle

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



199.5110, 22.1050, -31.6790



186.1210, -56.0660, -41.2020



203.8890, -20.9560, 16.3560



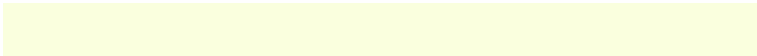
205.1730, 28.6950, 36.1430

Sweetspot

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



199.5110, 22.1050, -31.6790



249.7430, 7.6130, -11.3230



155.8510, 52.1280, 13.4400



124.7090, 4.9530, -7.1670



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.



199.5110, 22.1050, -31.6790



234.1570, 31.3690, -45.3910



185.7570, -5.3110, -41.4310



105.4470, 2.9350, -3.6330



144.3300, 40.5870, -58.2690



36.3040, 10.2270, -14.6450

Inverse Universe

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



135.4890, -22.1050, 31.6790



142.8430, -31.3690, 45.3910



149.2430, 5.3110, 41.4310



97.8520, -2.3390, 3.8450



26.6700, -40.5870, 58.2690



6.6960, -10.2270, 14.6450

Previews

White Background



This preview shows how the YIQ color 199.5110, 22.1050, -31.6790 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 199.5110, 22.1050, -31.6790 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 199.5110, 22.1050, -31.6790

Background



This preview shows how black text looks on a background with the YIQ color 199.5110, 22.1050, -31.6790.



This preview shows how white text looks on a background with the YIQ color 199.5110, 22.1050,

-31.6790.

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

199.5110, 22.1050, -31.6790

Protanopia

201.9480, 40.1680, -23.1280

Deuteranopia

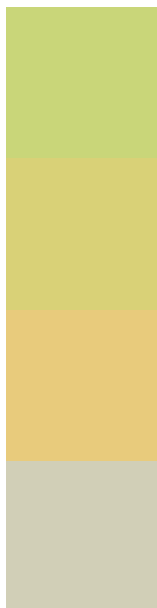
204.6390, 54.7000, -11.1560



Tritanopia

207.8140, 0.8240, 7.0960

Trichromacy



Original Color

199.5110, 22.1050, -31.6790

Protanomaly

201.1320, 33.6580, -26.2940

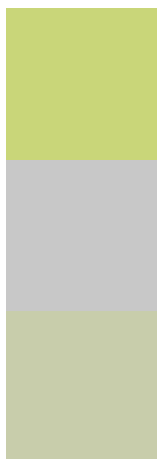
Deuteranomaly

202.6650, 42.6430, -18.4210

Tritanomaly

204.8620, 8.8960, -7.0400

Monochromacy



Original Color

199.5110, 22.1050, -31.6790

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.6290, 7.9340, -11.6340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5110, 22.1050, -31.6790 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(201, 214, 121)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 121)  
}
```

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(201, 214, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 121) }
```

Border

The CSS property to change the border of an element to YIQ 199.5110, 22.1050, -31.6790 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(201, 214, 121) }
```


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

```
.border{ border-color:rgb(201, 214, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 121);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5110, 22.1050, -31.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 121) }
```

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

```
.background{ background-color: rgb(201,  
214, 121) }
```

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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