

Converting Colors

YIQ(202.4960, 1.2390, -5.9370)

Have a look what the booklet for
YIQ(202.4960, 1.2390, -5.9370)
contains.

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Color

**YIQ(202.4960, 1.2390,
-5.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CEBF
RGB	200, 206, 191
RGB Percent	78%, 81%, 75%
CMY	0.2157, 0.1921, 0.2510
CMYK	0.03, 0.00, 0.07, 0.19
HSL	84°, 13%, 78%
HSV	84°, 7%, 81%
XYZ	55.2941, 60.1841, 57.9950
YIQ	202.4960, 1.2390, -5.9370

Conversions

Conversions Part 2

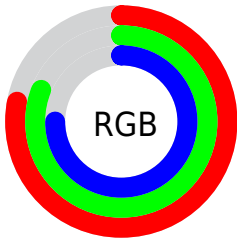
Format	Color
RYB	191, 206, 197
Decimal	13160127
CIELab	81.94, -4.75, 6.74
CIELCh	82, 8.243, 125.180
Yxy	60.1841, 0.3187, 0.3469
Android (android.graphics.Color)	4291350207 (0xFFC8CEBF)
YUV	202.4960, -5.6675, -2.1890
Hunter-Lab	77.5784, -8.5361, 9.9817

Details

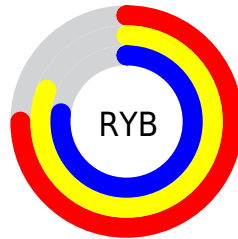
The YIQ color $202.4960, 1.2390, -5.9370$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $194.5040, -1.2390, 5.9370$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.0880, 2.5680, -2.4880$, and $148.6100, 0.9180, -5.6260$ is the 20% darker color. If you saturate the color by 10%, you get $197.7100, 3.2120, -14.1640$, and if you desaturate by 10%, it is $207.2820, -0.7340, 2.2900$.

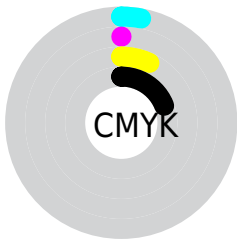
Distribution



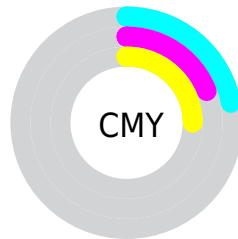
- Red (78%)
- Green (81%)
- Blue (75%)



- Red (75%)
- Yellow (81%)
- Blue (77%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (22%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.4960, 1.2390, -5.9370 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 202.4960, 1.2390, -5.9370 by changing the saturation by 10% instead.

■ 202.4960, 1.2390,
-5.9370

■ 202.4960, 1.2390,
-5.9370

255.0000, -0.0000,
-0.0000

■ 175.4960, 1.2390,
-5.9370

■ 254.0880, 2.5680,
-2.4880

■ 148.6100, 0.9180,
-5.6260

■ 122.6100, 0.9180,
-5.6260

■ 98.0230, 1.1930,
-5.1030

■ 74.0230, 1.1930,
-5.1030

■ 51.1370, 0.8720,
-4.7920

■ 30.2510, 0.5510,

-4.4810

■ 5.8700, -2.7500,
-5.2300

■ 0.0000, 0.0000,
0.0000

■ 202.4960, 1.2390,
-5.9370

■ 202.4960, 1.2390,
-5.9370

■ 197.7100, 3.2120,
-14.1640

■ 207.2820, -0.7340,
2.2900

■ 192.7390, 4.2680,
-22.2920

■ 212.2530, -1.7900,
10.4180

■ 187.9530, 6.2410,
-30.5190

■ 217.0390, -3.7630,
18.6450

■ 183.2810, 7.8930,
-38.4350

■ 219.6590, 0.3630,
20.9630

■ 178.4950, 9.8660,
-46.6620

■ 222.0510, 5.1310,
22.6590

■ 173.4100, 11.2430,
-55.1010

■ 224.7420, 10.4950,
24.5670

■ 168.7380, 12.8950,
-63.0170

■ 226.2370, 13.4750,
25.6270

■ 163.9520, 14.8680,
-71.2440

■ 159.2800, 16.5200,
-79.1600

Harmonies

Analogous

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



203.6710, 8.1160, -3.9160



202.4960, 1.2390, -5.9370



201.9620, -6.0050, -6.8130

Triad

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



202.4960, 1.2390, -5.9370



202.1710, -13.6630, -0.1830



205.7350, 11.2320, 5.6960

Complementary

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



202.4960, 1.2390, -5.9370



194.5040, -1.2390, 5.9370

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.



205.0380, 6.0050, 6.8130



202.4960, 1.2390, -5.9370



203.9160, -8.3910, 3.3930

Square

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



202.4960, 1.2390, -5.9370



201.5790, -14.9920, -3.6320



204.5040, -1.2390, 5.9370



204.8230, 13.8000, 3.2080

Rectangle

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



202.4960, 1.2390, -5.9370



201.0370, -10.5900, -6.3180



204.5040, -1.2390, 5.9370



205.6640, 9.9940, 6.1060

Sweetspot

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



202.4960, 1.2390, -5.9370



253.8320, 0.4130, -1.9790



199.0070, 7.2900, 0.0420



127.0600, -0.2290, -1.3570



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.



202.4960, 1.2390, -5.9370



249.6870, 2.0190, -9.0610



200.4030, -2.9330, -7.4210



99.6640, 0.8260, -3.9580



127.0430, 13.3540, -65.8300



29.1830, 3.2580, -14.9980

Inverse Universe

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



194.5040, -1.2390, 5.9370



237.3130, -2.0190, 9.0610



196.8960, 3.5290, 7.6330



94.3360, -0.8260, 3.9580



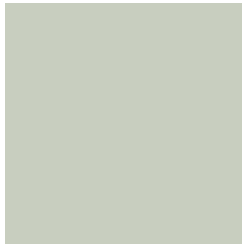
38.6580, -13.9500, 65.6180



8.8170, -3.2580, 14.9980

Previews

White Background



This preview shows how the YIQ color 202.4960, 1.2390, -5.9370 looks on a white background.

Color Contrast Check

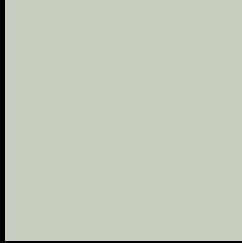
Large Text (above 18pt) WCAG AA × Fail

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 202.4960, 1.2390, -5.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

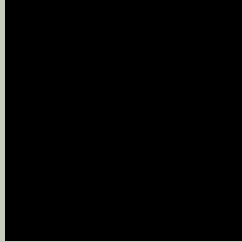
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

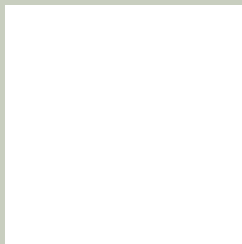
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.4960, 1.2390, -5.9370

Background



This preview shows how black text looks on a background with the YIQ color 202.4960, 1.2390, -5.9370.



This preview shows how white text looks on a background with the YIQ color 202.4960, 1.2390,

-5.9370.

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

202.4960, 1.2390, -5.9370

Protanopia

203.7960, 9.2620, -2.6580

Deuteranopia

205.5140, 19.1640, 5.1160



Tritanopia

204.4220, -3.9440, 5.4000

Trichromacy



Original Color

202.4960, 1.2390, -5.9370

Protanomaly

203.3010, 6.2820, -3.7180

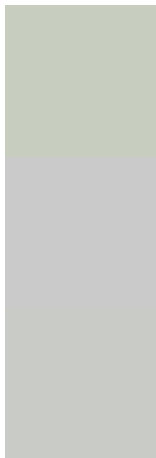
Deuteranomaly

204.1710, 12.7000, 1.1160

Tritanomaly

203.5700, -1.6050, 1.5550

Monochromacy



Original Color

202.4960, 1.2390, -5.9370

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8320, 0.4130, -1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.4960, 1.2390, -5.9370 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(200, 206, 191)` looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 191)  
}
```

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(200, 206, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 191) }
```

Border

The CSS property to change the border of an element to YIQ 202.4960, 1.2390, -5.9370 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(200, 206, 191) }
```


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

```
.border{ border-color:rgb(200, 206, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 202.4960, 1.2390, -5.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 191) }
```

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

```
.background{ background-color: rgb(200,  
206, 191) }
```

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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