

Converting Colors

YIQ(202.9920, -5.5490, 6.9550)

Have a look what the booklet for
YIQ(202.9920, -5.5490, 6.9550)
contains.

YIQ(202.9920, -5.5490, 6.9550)	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(202.9920, -5.5490,
6.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC8DD
RGB	202, 200, 221
RGB Percent	79%, 78%, 87%
CMY	0.2078, 0.2157, 0.1334
CMYK	0.09, 0.09, 0.00, 0.13
HSL	246°, 24%, 83%
HSV	246°, 9%, 87%
XYZ	58.0623, 59.0853, 76.7442
YIQ	202.9920, -5.5490, 6.9550

Conversions

Conversions Part 2

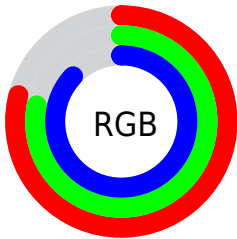
Format	Color
R _Y B	202, 200, 221
Decimal	13289693
CIE Lab	81.34, 4.69, -10.16
CIE LCh	81, 11.192, 294.761
Yxy	59.0853, 0.2995, 0.3047
Android (android.graphics.Color)	4291479773 (0xFFCAC8DD)
YUV	202.9920, 8.8779, -0.8700
Hunter-Lab	76.8670, 0.3147, -5.3884

Details

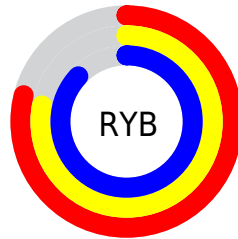
The YIQ color $202.9920, -5.5490, 6.9550$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.0080, 5.5490, -6.9550$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $148.8780, -5.2280, 6.6440$ is the 20% darker color. If you saturate the color by 10%, you get $184.0980, -11.4190, 14.2210$, and if you desaturate by 10%, it is $221.8860, 0.3210, -0.3110$.

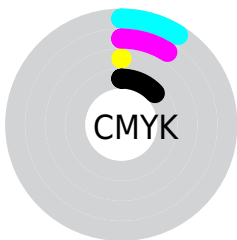
Distribution



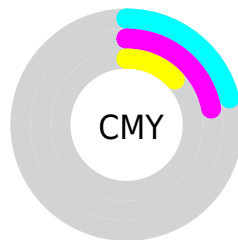
- Red (79%)
- Green (78%)
- Blue (87%)



- Red (79%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9920, -5.5490, 6.9550 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 202.9920, -5.5490, 6.9550 by changing the saturation by 10% instead.

■ 202.9920, -5.5490,
6.9550

■ 202.9920, -5.5490,
6.9550

255.0000, -0.0000,
-0.0000

■ 175.8780, -5.2280,
6.6440

■ 148.8780, -5.2280,
6.6440

■ 122.8780, -5.2280,
6.6440

■ 98.3510, -5.1820,
5.8100

■ 74.3510, -5.1820,
5.8100

■ 52.1230, -4.5400,
5.1880

■ 30.7100, -4.8150,

4.6650

■ 5.4050, -5.2740,
7.4780

■ 0.0000, 0.0000,
0.0000

■ 202.9920, -5.5490,
6.9550

■ 202.9920, -5.5490,
6.9550

■ 184.0980,
-11.4190, 14.2210

■ 221.8860, 0.3210,
-0.3110

■ 165.2040,
-17.2890, 21.4870

■ 240.7800, 6.1910,
-7.5770

■ 146.3100,
-23.1590, 28.7530

■ 251.1240, 10.9140,
-10.5740

■ 127.4160,
-29.0290, 36.0190

■ 108.5220,
-34.8990, 43.2850

■ 89.0410, -40.4940,
51.0740

■ 70.1470, -46.3640,
58.3400

■ 51.2530, -52.2340,
65.6060

■ 32.3590, -58.1040,
72.8720

Harmonies

Analogous

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



201.6810, -15.0390, 2.7290



202.9920, -5.5490, 6.9550



204.0210, 4.6750, 8.8910

Triad

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



202.9920, -5.5490, 6.9550



202.8080, 18.1560, 1.3560



198.7160, -14.1200, -8.4240

Complementary

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



202.9920, -5.5490, 6.9550



218.0080, 5.5490, -6.9550

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.



199.6800, -5.2710, -9.1030



202.9920, -5.5490, 6.9550



202.3080, 13.5720, -3.6760

Square

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



202.9920, -5.5490, 6.9550



203.8560, 18.2010, 6.0490



200.7090, 4.9530, -7.1670



198.6600, -19.7140, -6.1620

Rectangle

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



202.9920, -5.5490, 6.9550



204.5440, 10.4520, 8.8200



200.7090, 4.9530, -7.1670



198.8580, -11.6440, -9.2440

Sweetspot

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



202.9920, -5.5490, 6.9550



248.2110, -1.9720, 2.7000



213.5470, -11.9660, -3.4060



122.9830, -1.3300, 2.0780



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.



202.9920, -5.5490, 6.9550



231.0890, -7.2000, 9.3440



205.9820, 0.4110, 9.0750



100.5530, -2.9350, 3.6330



24.8050, -45.4010, 57.4070



6.4400, -12.3820, 15.1540

Inverse Universe

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



208.4450, 6.4170, 10.3610



238.2220, 8.6630, 13.7110



215.0180, -0.4110, -9.0750



103.4290, 3.3460, 5.4420



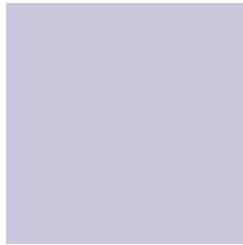
69.6250, 52.7110, 85.5030



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 202.9920, -5.5490, 6.9550 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 202.9920, -5.5490, 6.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

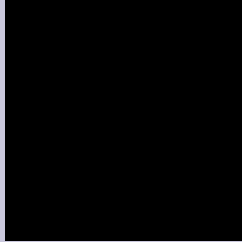
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.9920, -5.5490, 6.9550

Background



This preview shows how black text looks on a background with the YIQ color 202.9920, -5.5490, 6.9550.



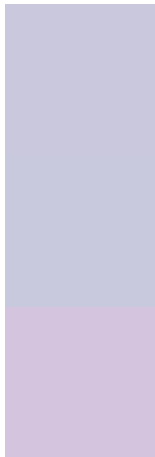
This preview shows how white text looks on a background with the YIQ color 202.9920, -5.5490,

6.9550.

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

202.9920, -5.5490, 6.9550

Protanopia

202.9810, -7.0160, 6.0080

Deuteranopia

204.0470, 1.7860, 11.6900



Tritanopia

202.8240, -5.1360, 4.9760

Trichromacy



Original Color

202.9920, -5.5490, 6.9550

Protanomaly

203.2800, -6.4200, 6.2200

Deuteranomaly

203.4380, -0.8730, 10.3190

Tritanomaly

202.9380, -5.4570, 5.2870

Monochromacy



Original Color

202.9920, -5.5490, 6.9550

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9920, -5.5490, 6.9550 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(202, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(202, 200, 221)  
}
```

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(202, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 200, 221) }
```

Border

The CSS property to change the border of an element to YIQ 202.9920, -5.5490, 6.9550 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(202, 200, 221) }
```


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

```
.border{ border-color:rgb(202, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(202, 200,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9920, -5.5490, 6.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 200, 221) }
```

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

```
.background{ background-color: rgb(202,  
200, 221) }
```

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