

Converting Colors

YIQ(202.5530, -2.9350, 3.6330)

Have a look what the booklet for
YIQ(202.5530, -2.9350, 3.6330)
contains.

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Color

**YIQ(202.5530, -2.9350,
3.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC9D4
RGB	202, 201, 212
RGB Percent	79%, 79%, 83%
CMY	0.2078, 0.2117, 0.1686
CMYK	0.05, 0.05, 0.00, 0.17
HSL	245°, 11%, 81%
HSV	245°, 5%, 83%
XYZ	57.1273, 59.0832, 70.6772
YIQ	202.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

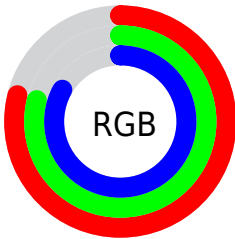
Format	Color
R _Y B	202, 201, 212
Decimal	13289940
CIE Lab	81.34, 2.40, -5.35
CIE LCh	81, 5.861, 294.206
Yxy	59.0832, 0.3057, 0.3161
Android (android.graphics.Color)	4291480020 (0xFFCAC9D4)
YUV	202.5530, 4.6574, -0.4850
Hunter-Lab	76.8656, -1.8517, -0.7107

Details

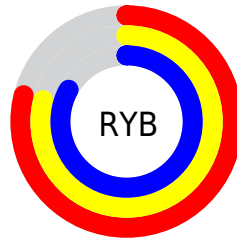
The YIQ color $202.5530, -2.9350, 3.6330$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.4470, 2.9350, -3.6330$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $148.4390, -2.6140, 3.3220$ is the 20% darker color. If you saturate the color by 10%, you get $184.5450, -8.4840, 10.5880$, and if you desaturate by 10%, it is $220.5610, 2.6140, -3.3220$.

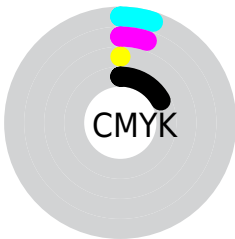
Distribution



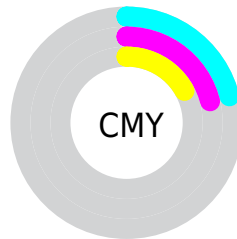
- Red (79%)
- Green (79%)
- Blue (83%)



- Red (79%)
- Yellow (79%)
- Blue (83%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.5530, -2.9350, 3.6330 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 202.5530, -2.9350, 3.6330 by changing the saturation by 10% instead.

■ 202.5530, -2.9350,
3.6330

■ 202.5530, -2.9350,
3.6330

255.0000, -0.0000,
-0.0000

■ 175.4390, -2.6140,
3.3220

■ 148.4390, -2.6140,
3.3220

■ 122.4390, -2.6140,
3.3220

■ 98.0260, -2.8890,
2.7990

■ 74.3250, -2.2930,
3.0110

■ 51.3250, -2.2930,
3.0110

■ 30.2110, -1.9720,

2.7000

■ 5.7810, -3.5770,
4.2550

■ 0.0000, 0.0000,
0.0000

■ 202.5530, -2.9350,
3.6330

■ 202.5530, -2.9350,
3.6330

■ 184.5450, -8.4840,
10.5880

■ 220.5610, 2.6140,
-3.3220

■ 166.2380,
-14.6290, 17.3310

■ 238.8680, 8.7590,
-10.0650

■ 147.6430,
-19.9030, 24.8090

■ 250.0980, 13.8030,
-13.3730

■ 129.6350,
-25.4520, 31.7640

■ 111.6270,
-31.0010, 38.7190

■ 93.3200, -37.1460,
45.4620

■ 75.3120, -42.6950,
52.4170

■ 56.7170, -47.9690,
59.8950

■ 38.7090, -53.5180,
66.8500

Harmonies

Analogous

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



201.7480, -7.9780, 1.4140



202.5530, -2.9350, 3.6330



202.8310, 2.1540, 5.0180

Triad

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



202.5530, -2.9350, 3.6330



203.0890, 9.9950, 0.5790



200.3580, -7.0600, -4.2120

Complementary

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



202.5530, -2.9350, 3.6330



210.4470, 2.9350, -3.6330

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.



201.1690, -2.1540, -5.0180



202.5530, -2.9350, 3.6330



201.9530, 7.3820, -1.6260

Square

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



202.5530, -2.9350, 3.6330



203.3710, 9.2610, 2.8690



201.4470, 2.9350, -3.6330



200.3300, -9.8570, -3.0810

Rectangle

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



202.5530, -2.9350, 3.6330



203.5710, 5.8220, 4.6220



201.4470, 2.9350, -3.6330



200.4290, -5.8220, -4.6220

Sweetspot

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



202.5530, -2.9350, 3.6330



250.5700, -1.6050, 1.5550



208.1240, -6.2810, -1.8090



125.3420, -0.9630, 0.9330



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.



202.5530, -2.9350, 3.6330



242.0090, -4.2190, 4.8770



204.0480, 0.0450, 4.6930



100.7980, -2.2470, 2.1770



24.2780, -45.3550, 56.5730



6.0980, -11.4190, 14.2210

Inverse Universe

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



205.4290, 3.3460, 5.4420



246.0810, 4.4460, 7.5340



208.9520, -0.0450, -4.6930



102.7770, 2.2460, 3.3500



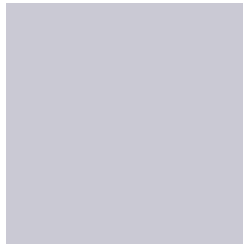
68.7990, 52.1610, 84.4570



17.3030, 13.1090, 21.2450

Previews

White Background



This preview shows how the YIQ color 202.5530, -2.9350, 3.6330 looks on a white background.

Color Contrast Check

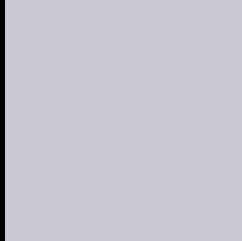
Large Text (above 18pt) WCAG AA × Fail

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 202.5530, -2.9350, 3.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

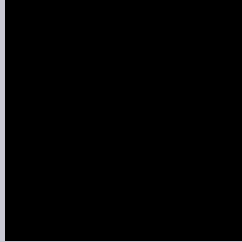
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

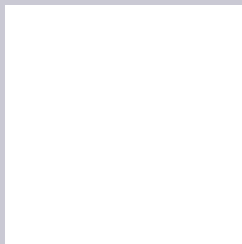
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 202.5530, -2.9350, 3.6330

Background



This preview shows how black text looks on a background with the YIQ color 202.5530, -2.9350, 3.6330.

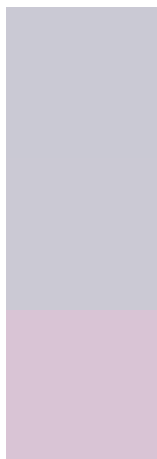


This preview shows how white text looks on a background with the YIQ color 202.5530, -2.9350,

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

202.5530, -2.9350, 3.6330

Protanopia

202.8520, -2.3390, 3.8450

Deuteranopia

204.2170, 7.0590, 9.7390



Tritanopia

202.7210, -3.3480, 5.6120

Trichromacy



Original Color

202.5530, -2.9350, 3.6330

Protanomaly

202.8520, -2.3390, 3.8450

Deuteranomaly

203.8960, 3.5290, 7.6330

Tritanomaly

202.6070, -3.0270, 5.3010

Monochromacy



Original Color

202.5530, -2.9350, 3.6330

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

202.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.5530, -2.9350, 3.6330 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, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 212)  
}
```

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, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 212) }
```

Border

The CSS property to change the border of an element to YIQ 202.5530, -2.9350, 3.6330 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, 201, 212) }
```


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

```
.border{ border-color:rgb(202, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 202.5530, -2.9350, 3.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 212) }
```

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

```
.background{ background-color: rgb(202,  
201, 212) }
```

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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