

Converting Colors

YIQ(201.8280, 6.2360, -2.8840)

Have a look what the booklet for
YIQ(201.8280, 6.2360, -2.8840)
contains.

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Color

**YIQ(201.8280, 6.2360,
-2.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	CECABE
RGB	206, 202, 190
RGB Percent	81%, 79%, 75%
CMY	0.1922, 0.2078, 0.2549
CMYK	0.00, 0.02, 0.08, 0.19
HSL	45°, 14%, 78%
HSV	45°, 8%, 81%
XYZ	55.8691, 59.0802, 57.1792
YIQ	201.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

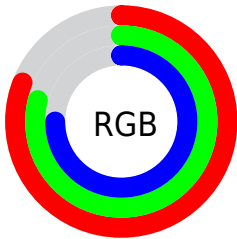
Format	Color
RYB	195, 206, 190
Decimal	13552318
CIELab	81.34, -0.71, 6.46
CIELCh	81, 6.502, 96.276
Yxy	59.0802, 0.3246, 0.3432
Android (android.graphics.Color)	4291742398 (0xFFCECABE)
YUV	201.8280, -5.8312, 3.6588
Hunter-Lab	76.8637, -4.7670, 9.6985

Details

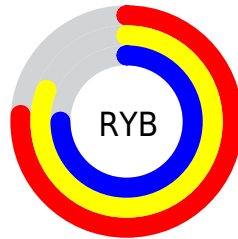
The YIQ color **201.8280, 6.2360, -2.8840** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194.1720, -6.2360, 2.8840**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.9740, 2.8890, -2.7990**, and **147.9420, 5.9150, -2.5730** is the 20% darker color. If you saturate the color by 10%, you get **196.4990, 14.3520, -6.8000**, and if you desaturate by 10%, it is **207.1570, -1.8800, 1.0320**.

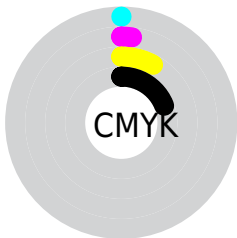
Distribution



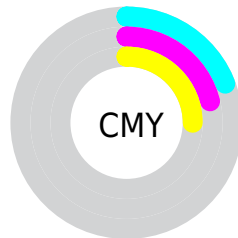
- Red (81%)
- Green (79%)
- Blue (75%)



- Red (76%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.8280, 6.2360, -2.8840 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 201.8280, 6.2360, -2.8840 by changing the saturation by 10% instead.

■ 201.8280, 6.2360,
-2.8840

■ 201.8280, 6.2360,
-2.8840

255.0000, -0.0000,
-0.0000

■ 174.5290, 5.6400,
-3.0960

■ 253.9740, 2.8890,
-2.7990

■ 147.9420, 5.9150,
-2.5730

■ 121.9420, 5.9150,
-2.5730

■ 97.0560, 5.5940,
-2.2620

■ 73.7570, 4.9980,
-2.4740

■ 50.8710, 4.6770,
-2.1630

■ 29.8710, 4.6770,

-2.1630

■ 4.7290, 2.2010,
-1.3430

■ 0.0000, 0.0000,
0.0000

■ 201.8280, 6.2360,
-2.8840

■ 201.8280, 6.2360,
-2.8840

■ 196.4990, 14.3520,
-6.8000

■ 207.1570, -1.8800,
1.0320

■ 191.2840, 22.1470,
-10.4050

■ 212.3720, -9.6750,
4.6370

■ 185.9550, 30.2630,
-14.3210

■ 217.7010,
-17.7910, 8.5530

■ 180.1530, 38.3330,
-17.4030

■ 221.5650,
-20.4040, 6.3480

■ 174.8240, 46.4490,
-21.3190

■ 224.5000,
-21.7790, 3.7330

■ 169.4950, 54.5650,
-25.2350

■ 227.4350,
-23.1540, 1.1180

■ 164.2800, 62.3600,
-28.8400

■ 230.3700,
-24.5290, -1.4970

■ 158.9510, 70.4760,
-32.7560

■ 233.3050,
-25.9040, -4.1120

■ 153.7360, 78.2710,
-36.3610

■ 236.2400,
-27.2790, -6.7270

Harmonies

Analogous

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



202.5620, 10.0410, -0.2550



201.8280, 6.2360, -2.8840



201.1370, 0.8720, -4.7920

Triad

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



201.8280, 6.2360, -2.8840



200.3730, -11.4160, -2.3600



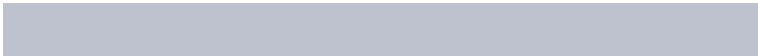
203.5000, 4.5840, 5.0320

Complementary

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



201.8280, 6.2360, -2.8840



194.1720, -6.2360, 2.8840

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.



202.8630, -0.8720, 4.7920



201.8280, 6.2360, -2.8840



201.1390, -10.6370, 0.0430

Square

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



201.8280, 6.2360, -2.8840



200.2760, -9.7650, -4.7490



202.1720, -6.2360, 2.8840



203.4250, 9.1690, 4.5370

Rectangle

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



201.8280, 6.2360, -2.8840



200.5710, -3.3460, -5.4420



202.1720, -6.2360, 2.8840



203.1300, 2.7500, 5.2300

Sweetspot

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



201.8280, 6.2360, -2.8840



253.8430, 1.8800, -1.0320



195.2400, 8.2520, 4.6360



127.0710, 1.2380, -0.4100



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.



201.8280, 6.2360, -2.8840



248.8560, 9.0330, -4.0150



202.9800, 2.7520, -5.8240



99.0990, 4.0350, -1.5410



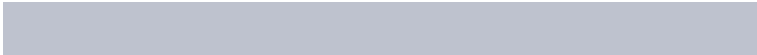
122.4220, 64.8360, -29.6600



28.3850, 14.6730, -7.1110

Inverse Universe

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



194.1720, -6.2360, 2.8840



238.1440, -9.0330, 4.0150



193.0200, -2.7520, 5.8240



94.3140, -3.7600, 2.0640



42.9910, -64.5610, 30.1830



10.2020, -14.9480, 6.5880

Previews

White Background



This preview shows how the YIQ color 201.8280, 6.2360, -2.8840 looks on a white background.

Color Contrast Check

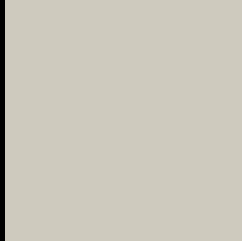
Large Text (above 18pt) WCAG AA × Fail

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 201.8280, 6.2360, -2.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

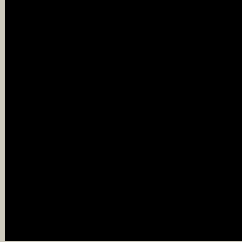
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

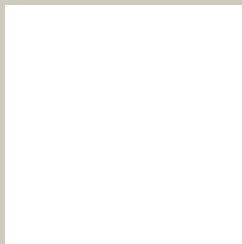
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.8280, 6.2360, -2.8840

Background



This preview shows how black text looks on a background with the YIQ color 201.8280, 6.2360, -2.8840.



This preview shows how white text looks on a background with the YIQ color 201.8280, 6.2360,

-2.8840.

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

201.8280, 6.2360, -2.8840

Protanopia

202.1380, 8.2990, -1.7250

Deuteranopia

203.5140, 19.1640, 5.1160



Tritanopia

203.1130, 1.4200, 7.3080

Trichromacy



Original Color

201.8280, 6.2360, -2.8840

Protanomaly

201.8390, 7.7030, -1.9370

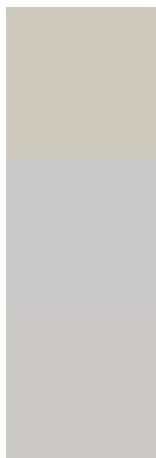
Deuteranomaly

203.1820, 14.1670, 2.0630

Tritanomaly

202.3750, 3.4380, 3.7740

Monochromacy



Original Color

201.8280, 6.2360, -2.8840

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8280, 6.2360, -2.8840 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(206, 202, 190)` looks like.

```
.text, #text, p{  
    color:rgb(206, 202, 190)  
}
```

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(206, 202, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 202, 190) }
```

Border

The CSS property to change the border of an element to YIQ 201.8280, 6.2360, -2.8840 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(206, 202, 190) }
```


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

```
.border{ border-color:rgb(206, 202, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 202, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 202, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 202, 190);  
box-shadow:4px 4px 4px 4px rgb(206, 202,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8280, 6.2360, -2.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 202, 190) }
```

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

```
.background{ background-color: rgb(206,  
202, 190) }
```

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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