

Converting Colors

YIQ(201.9280, 25.7250,
-20.1870)

Have a look what the booklet for
YIQ(201.9280, 25.7250, -20.1870)
contains.

YIQ(201.9280, 25.7250, -20.1870)	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(201.9280, 25.7250,
-20.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D08B
RGB	214, 208, 139
RGB Percent	84%, 82%, 55%
CMY	0.1608, 0.1843, 0.4547
CMYK	0.00, 0.03, 0.35, 0.16
HSL	55°, 48%, 69%
HSV	55°, 35%, 84%
XYZ	54.9477, 61.2707, 33.3717
YIQ	201.9280, 25.7250, -20.1870

Conversions

Conversions Part 2

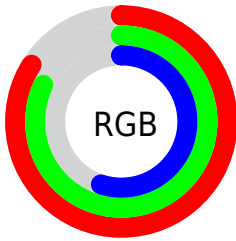
Format	Color
RYB	146, 214, 139
Decimal	14078091
CIELab	82.52, -8.15, 35.02
CIELCh	83, 35.959, 103.097
Yxy	61.2707, 0.3673, 0.4096
Android (android.graphics.Color)	4292268171 (0xFFD6D08B)
YUV	201.9280, -31.0235, 10.5871
Hunter-Lab	78.2756, -11.6793, 29.5155

Details

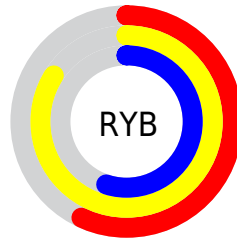
The YIQ color $201.9280, 25.7250, -20.1870$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $151.0720, -25.7250, 20.1870$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.9320, 19.9020, -19.2820$, and $147.6720, 23.5700, -19.6780$ is the 20% darker color. If you saturate the color by 10%, you get $198.3600, 33.0160, -25.6720$, and if you desaturate by 10%, it is $205.4960, 18.4340, -14.7020$.

Distribution



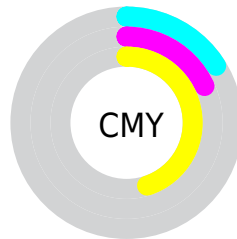
- Red (84%)
- Green (82%)
- Blue (55%)



- Red (57%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (3%)
- Yellow (35%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.9280, 25.7250, -20.1870 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 201.9280, 25.7250, -20.1870 by changing the saturation by 10% instead.

■ 201.9280, 25.7250,
-20.1870

■ 201.9280, 25.7250,
-20.1870

255.0000, -0.0000,
-0.0000

■ 174.7430, 24.8080,
-20.0880

■ 247.9320, 19.9020,
-19.2820

■ 147.6720, 23.5700,
-19.6780

■ 251.1240, 10.9140,
-10.5740

■ 121.6010, 22.3320,
-19.2680

■ 254.4300, 1.6050,
-1.5550

■ 96.4160, 21.4150,
-19.1690

■ 72.1170, 20.8190,
-19.3810

■ 49.6160, 17.9760,
-17.4160

■ 30.1130, 9.4470,

-11.5210

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 201.9280, 25.7250,
-20.1870

■ 201.9280, 25.7250,
-20.1870

■ 198.3600, 33.0160,
-25.6720

■ 205.4960, 18.4340,
-14.7020

■ 195.2650, 40.3530,
-31.9910

■ 208.5910, 11.0970,
-8.3830

■ 191.6970, 47.6440,
-37.4760

■ 212.1590, 3.8060,
-2.8980

■ 188.0150, 55.2560,
-43.2720

■ 215.8410, -3.8060,
2.8980

■ 184.4470, 62.5470,
-48.7570

■ 219.4090,
-11.0970, 8.3830

■ 181.4660, 69.5630,
-54.7650

■ 221.0220,
-14.2610, 10.6590

■ 179.6250, 73.3690,
-57.6630

■ 222.1960,
-14.8110, 9.6130

■ 223.3700,
-15.3610, 8.5670

■ 223.9570,
-15.6360, 8.0440

Harmonies

Analogous

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



205.2670, 47.1800, -7.0280



201.9280, 25.7250, -20.1870



197.6730, -4.5340, -27.9740

Triad

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



201.9280, 25.7250, -20.1870



186.9310, -83.8090, -17.4810



208.8430, 29.3840, 29.1600

Complementary

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



201.9280, 25.7250, -20.1870



151.0720, -25.7250, 20.1870

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.



209.6580, 2.1040, 27.9600



201.9280, 25.7250, -20.1870



194.1560, -62.0330, -4.6330

Square

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



201.9280, 25.7250, -20.1870



186.9520, -71.1070, -27.4190



203.5350, -28.8870, 11.4090



203.7930, 40.8480, 19.6320

Rectangle

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



201.9280, 25.7250, -20.1870



194.4130, -27.2290, -29.6690



203.5350, -28.8870, 11.4090



210.6620, 22.6440, 30.1640

Sweetspot

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



201.9280, 25.7250, -20.1870



250.6340, 9.5380, -7.6620



162.1090, 42.7740, 17.7660



124.8880, 6.0070, -4.2410



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.



201.9280, 25.7250, -20.1870



237.5190, 36.8220, -28.5700



196.1810, 5.5990, -29.8970



105.1590, 3.8060, -2.8980



143.2880, 58.7410, -45.8590



36.3370, 14.6280, -11.8040

Inverse Universe

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



151.0720, -25.7250, 20.1870



164.8940, -36.5470, 29.0930



156.8190, -5.5990, 29.8970



97.8410, -3.8060, 2.8980



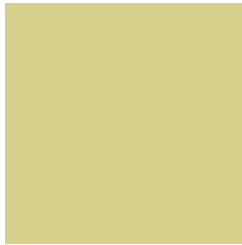
27.7120, -58.7410, 45.8590



6.6630, -14.6280, 11.8040

Previews

White Background



This preview shows how the YIQ color 201.9280, 25.7250, -20.1870 looks on a white background.

Color Contrast Check

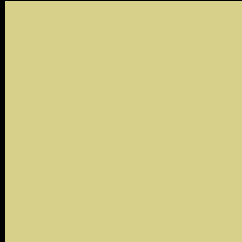
Large Text (above 18pt) WCAG AA × Fail

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 201.9280, 25.7250, -20.1870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

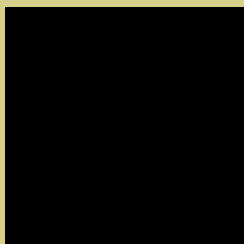
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

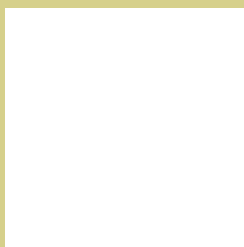
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 201.9280, 25.7250, -20.1870

Background



This preview shows how black text looks on a background with the YIQ color 201.9280, 25.7250, -20.1870.



This preview shows how white text looks on a background with the YIQ color 201.9280, 25.7250, -20.1870.

-20.1870.

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

201.9280, 25.7250, -20.1870

Protanopia

202.4450, 31.6390, -17.2330

Deuteranopia

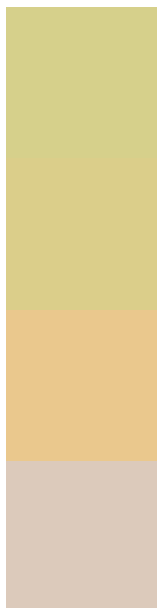
204.4950, 46.5380, -6.4060



Tritanopia

207.8860, 9.4890, 9.7530

Trichromacy



Original Color

201.9280, 25.7250, -20.1870

Protanomaly

202.1350, 29.5760, -18.3920

Deuteranomaly

203.4400, 39.2030, -11.1410

Tritanomaly

205.6720, 15.5430, -0.8490

Monochromacy



Original Color

201.9280, 25.7250, -20.1870

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.7480, 9.2170, -7.3510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.9280, 25.7250, -20.1870 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(214, 208, 139)` looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 139)  
}
```

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(214, 208, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 139) }
```

Border

The CSS property to change the border of an element to YIQ 201.9280, 25.7250, -20.1870 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(214, 208, 139) }
```


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

```
.border{ border-color:rgb(214, 208, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 139);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 201.9280, 25.7250, -20.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 139) }
```

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

```
.background{ background-color: rgb(214,  
208, 139) }
```

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