

Converting Colors

YIQ(201.6390, 28.3370,
-12.4550)

Have a look what the booklet for
YIQ(201.6390, 28.3370, -12.4550)
contains.

YIQ(201.6390, 28.3370, -12.4550)	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(201.6390, 28.3370,
-12.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCA95
RGB	221, 202, 149
RGB Percent	87%, 79%, 58%
CMY	0.1333, 0.2079, 0.4155
CMYK	0.00, 0.09, 0.33, 0.13
HSL	44°, 51%, 73%
HSV	44°, 33%, 87%
XYZ	56.3663, 59.7811, 37.0182
YIQ	201.6390, 28.3370, -12.4550

Conversions

Conversions Part 2

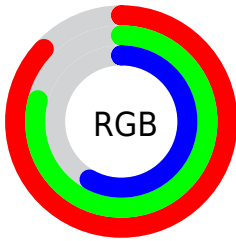
Format	Color
R _Y B	175, 221, 149
Decimal	14535317
CIE Lab	81.72, -1.12, 28.89
CIE LCh	82, 28.915, 92.228
Yxy	59.7811, 0.3680, 0.3903
Android (android.graphics.Color)	4292725397 (0xFFDDCA95)
YUV	201.6390, -25.9510, 16.9796
Hunter-Lab	77.3182, -5.1773, 25.7360

Details

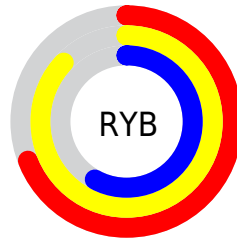
The YIQ color $201.6390, 28.3370, -12.4550$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.3610, -28.3370, 12.4550$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0720, 16.6920, -16.1720$, and $147.3830, 26.1820, -11.9460$ is the 20% darker color. If you saturate the color by 10%, you get $195.6090, 37.0490, -16.1590$, and if you desaturate by 10%, it is $207.6690, 19.6250, -8.7510$.

Distribution



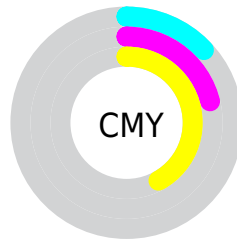
- Red (87%)
- Green (79%)
- Blue (58%)



- Red (69%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (9%)
- Yellow (33%)
- Black (13%)



- Cyan (13%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.6390, 28.3370, -12.4550 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 201.6390, 28.3370, -12.4550 by changing the saturation by 10% instead.

■ 201.6390, 28.3370,
-12.4550

■ 201.6390, 28.3370,
-12.4550

255.0000, -0.0000,
-0.0000

■ 174.4540, 27.4200,
-12.3560

■ 249.1860, 16.3710,
-15.8610

■ 147.3830, 26.1820,
-11.9460

■ 252.3780, 7.3830,
-7.1530

■ 121.1980, 25.2650,
-11.8470

■ 96.7140, 23.7520,
-11.9600

■ 72.3440, 21.9180,
-11.7620

■ 49.5180, 21.3680,
-12.8080

■ 29.8580, 14.7190,

-7.9450

■ 6.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 201.6390, 28.3370,
-12.4550

■ 201.6390, 28.3370,
-12.4550

■ 195.6090, 37.0490,
-16.1590

■ 207.6690, 19.6250,
-8.7510

■ 189.5790, 45.7610,
-19.8630

■ 213.6990, 10.9130,
-5.0470

■ 183.5490, 54.4730,
-23.5670

■ 219.7290, 2.2010,
-1.3430

■ 178.1060, 62.9100,
-27.7940

■ 225.1720, -6.2360,
2.8840

■ 172.0760, 71.6220,
-31.4980

■ 230.7460,
-13.6640, 5.3440

■ 165.9320, 80.6550,
-35.5130

■ 234.2680,
-15.3140, 2.2060

■ 161.7600, 86.8910,
-38.3970

■ 237.7900,
-16.9640, -0.9320

■ 241.3120,
-18.6140, -4.0700

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



204.0310, 42.2730, -0.6950



201.6390, 28.3370, -12.4550



198.5760, 6.2850, -20.2990

Triad

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



201.6390, 28.3370, -12.4550



190.4900, -60.5180, -15.5740



207.6350, 18.1060, 24.2980

Complementary

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



201.6390, 28.3370, -12.4550



168.3610, -28.3370, 12.4550

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.



205.6410, -8.3940, 19.9740



201.6390, 28.3370, -12.4550



194.7930, -56.5770, -4.3930

Square

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



201.6390, 28.3370, -12.4550



191.2880, -45.5700, -22.1620



201.1320, -35.1220, 8.7660



206.6940, 36.8130, 21.1730

Rectangle

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



201.6390, 28.3370, -12.4550



196.0130, -11.1830, -23.1110



201.1320, -35.1220, 8.7660



207.6170, 9.3490, 23.3090

Sweetspot

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



201.6390, 28.3370, -12.4550



248.0410, 9.9500, -4.1140



172.6940, 36.8130, 21.1730



123.2410, 6.5110, -2.3610



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.



201.6390, 28.3370, -12.4550



228.4520, 38.9290, -17.1910



207.7090, 12.9800, -25.9960



106.9850, 4.3560, -1.8520



126.8630, 67.9080, -30.2680



33.7120, 18.0660, -8.0300

Inverse Universe

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



168.3610, -28.3370, 12.4550



182.5480, -38.9290, 17.1910



162.2910, -12.9800, 25.9960



102.0150, -4.3560, 1.8520



46.7240, -68.1830, 29.7450



12.2880, -18.0660, 8.0300

Previews

White Background



This preview shows how the YIQ color 201.6390, 28.3370, -12.4550 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 201.6390, 28.3370, -12.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

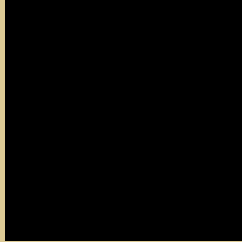
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.6390, 28.3370, -12.4550

Background



This preview shows how black text looks on a background with the YIQ color 201.6390, 28.3370, -12.4550.



This preview shows how white text looks on a background with the YIQ color 201.6390, 28.3370,

-12.4550.

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

201.6390, 28.3370, -12.4550

Protanopia

201.3290, 26.2740, -13.6140

Deuteranopia

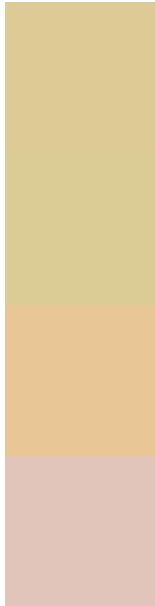
203.4390, 40.9440, -4.1440



Tritanopia

205.8760, 15.4490, 11.8730

Trichromacy



Original Color

201.6390, 28.3370, -12.4550

Protanomaly

201.6280, 26.8700, -13.4020

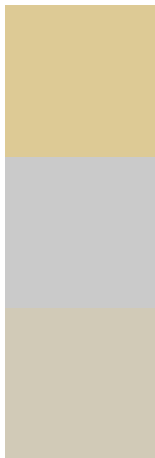
Deuteranomaly

202.9930, 36.2680, -7.5080

Tritanomaly

204.2320, 19.8980, 2.8260

Monochromacy



Original Color

201.6390, 28.3370, -12.4550

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.9270, 10.2710, -4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.6390, 28.3370, -12.4550 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(221, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(221, 202, 149)  
}
```

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(221, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 202, 149) }
```

Border

The CSS property to change the border of an element to YIQ 201.6390, 28.3370, -12.4550 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(221, 202, 149) }
```


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

```
.border{ border-color:rgb(221, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 202, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 202, 149);  
box-shadow:4px 4px 4px 4px rgb(221, 202,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 201.6390, 28.3370, -12.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 202, 149) }
```

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

```
.background{ background-color: rgb(221,  
202, 149) }
```

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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