

Converting Colors

YIQ(200.6950, 16.7360, -5.9520)

Have a look what the booklet for
YIQ(200.6950, 16.7360, -5.9520)
contains.

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Color

**YIQ(200.6950, 16.7360,
-5.9520)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C8AC
RGB	213, 200, 172
RGB Percent	84%, 78%, 67%
CMY	0.1647, 0.2157, 0.3254
CMYK	0.00, 0.06, 0.19, 0.16
HSL	41°, 33%, 75%
HSV	41°, 19%, 84%
XYZ	55.5431, 58.4321, 47.3921
YIQ	200.6950, 16.7360, -5.9520

Conversions

Conversions Part 2

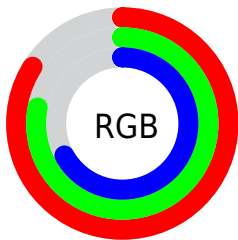
Format	Color
RYB	191, 213, 172
Decimal	14010540
CIELab	80.98, 0.01, 15.63
CIELCh	81, 15.635, 89.952
Yxy	58.4321, 0.3442, 0.3621
Android (android.graphics.Color)	4292200620 (0xFFD5C8AC)
YUV	200.6950, -14.1466, 10.7915
Hunter-Lab	76.4409, -4.0706, 16.7497

Details

The YIQ color $200.6950, 16.7360, -5.9520$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $184.3050, -16.7360, 5.9520$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, 8.9880, -8.7080$, and $146.6240, 15.4980, -5.5420$ is the 20% darker color. If you saturate the color by 10%, you get $194.1920, 25.4020, -8.8220$, and if you desaturate by 10%, it is $207.1980, 8.0700, -3.0820$.

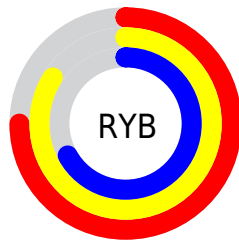
Distribution



Red (84%)

Green (78%)

Blue (67%)



Red (75%)

Yellow (84%)

Blue (67%)

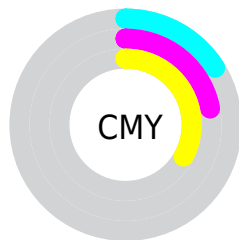


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (16%)



Cyan (16%)


Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 200.6950, 16.7360, -5.9520 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 200.6950, 16.7360, -5.9520 by changing the saturation by 10% instead.


 200.6950, 16.7360,
-5.9520


 200.6950, 16.7360,
-5.9520


255.0000, -0.0000,
-0.0000


 173.3960, 16.1400,
-6.1640


 251.8080, 8.9880,
-8.7080

 146.6240, 15.4980,
-5.5420

 120.7380, 15.1770,
-5.2310

 96.1400, 13.9850,
-5.6550

 72.3680, 13.3430,
-5.0330

 49.7700, 12.1510,
-5.4570

 28.3140, 13.4350,

-6.7010

■ 3.5550, 2.7510,
-0.2970

■ 0.0000, 0.0000,
0.0000

■ 200.6950, 16.7360,
-5.9520

■ 200.6950, 16.7360,
-5.9520

■ 194.1920, 25.4020,
-8.8220

■ 207.1980, 8.0700,
-3.0820

■ 187.5750, 34.3890,
-12.0030

■ 213.8150, -0.9170,
0.0990

■ 181.6590, 42.7800,
-15.3960

■ 219.7310, -9.3080,
3.4920

■ 175.1560, 51.4460,
-18.2660

■ 226.0060,
-17.3320, 5.7400

■ 168.6530, 60.1120,
-21.1360

■ 230.1150,
-19.2570, 2.0790

■ 162.0360, 69.0990,
-24.3170

■ 234.2240,
-21.1820, -1.5820

■ 156.1200, 77.4900,
-27.7100

■ 237.7460,
-22.8320, -4.7200

■ 149.6170, 86.1560,
-30.5800

■ 241.8550,
-24.7570, -8.3810

■ 148.8020, 87.0730,
-30.6790

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



202.1030, 24.5750, 0.6630



200.6950, 16.7360, -5.9520



199.3020, 4.5410, -10.7150

Triad

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



200.6950, 16.7360, -5.9520



195.9300, -29.3420, -7.8860



203.6950, 8.7090, 12.8770

Complementary

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



200.6950, 16.7360, -5.9520



184.3050, -16.7360, 5.9520

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.



202.3990, -5.1370, 10.5030



200.6950, 16.7360, -5.9520



198.1030, -28.1510, -1.9350

Square

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



200.6950, 16.7360, -5.9520



196.3020, -21.8220, -12.0140



200.1090, -19.1200, 5.1040



203.9150, 19.7130, 11.6890

Rectangle

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



200.6950, 16.7360, -5.9520



197.5720, -5.0870, -12.4390



200.1090, -19.1200, 5.1040



203.2430, 4.1700, 12.5380

Sweetspot

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



200.6950, 16.7360, -5.9520



250.3550, 6.1900, -2.0500



185.8550, 19.9420, 13.0460



125.2130, 3.7140, -1.2300



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.



200.6950, 16.7360, -5.9520



237.1210, 24.1640, -8.4120



206.2330, 8.9890, -14.2350



103.9850, 4.3560, -1.8520



119.8080, 69.7410, -24.9390



30.4670, 17.3780, -6.5740

Inverse Universe

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



184.3050, -16.7360, 5.9520



213.8790, -24.1640, 8.4120



178.7670, -8.9890, 14.2350



99.6020, -4.6310, 1.3290



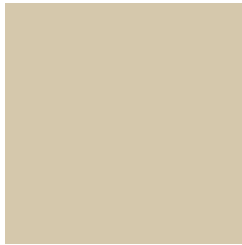
51.1920, -69.7410, 24.9390



13.1200, -17.6530, 6.0510

Previews

White Background



This preview shows how the YIQ color 200.6950, 16.7360, -5.9520 looks on a white background.

Color Contrast Check

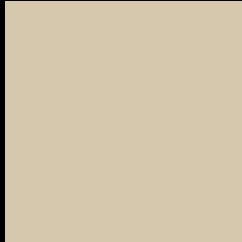
Large Text (above 18pt) WCAG AA × Fail

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 200.6950, 16.7360, -5.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

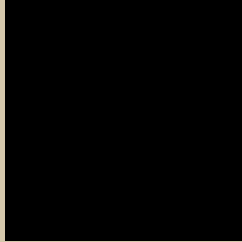
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.6950, 16.7360, -5.9520

Background



This preview shows how black text looks on a background with the YIQ color 200.6950, 16.7360, -5.9520.



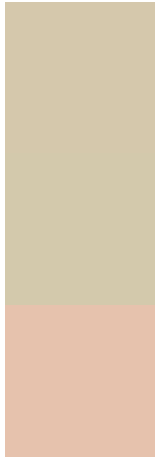
This preview shows how white text looks on a background with the YIQ color 200.6950, 16.7360,

-5.9520.

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

200.6950, 16.7360, -5.9520

Protanopia

200.6840, 15.2690, -6.8990

Deuteranopia

202.3700, 28.1970, 1.1010



Tritanopia

203.5870, 8.8930, 9.5410

Trichromacy



Original Color

200.6950, 16.7360, -5.9520

Protanomaly

200.9830, 15.8650, -6.6870

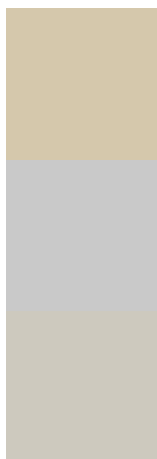
Deuteranomaly

201.7500, 24.0710, -1.2170

Tritanomaly

202.5670, 11.6450, 3.7170

Monochromacy



Original Color

200.6950, 16.7360, -5.9520

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.9420, 5.9150, -2.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6950, 16.7360, -5.9520 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(213, 200, 172)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 172)  
}
```

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(213, 200, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 172) }
```

Border

The CSS property to change the border of an element to YIQ 200.6950, 16.7360, -5.9520 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(213, 200, 172) }
```


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

```
.border{ border-color:rgb(213, 200, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 172);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6950, 16.7360, -5.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 172) }
```

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

```
.background{ background-color: rgb(213,  
200, 172) }
```

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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