

Converting Colors

YIQ(200.6660, 32.8750, -6.5890)

Have a look what the booklet for
YIQ(200.6660, 32.8750, -6.5890)
contains.

YIQ(200.6660, 32.8750, -6.5890)	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(200.6660, 32.8750,
-6.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C499
RGB	228, 196, 153
RGB Percent	89%, 77%, 60%
CMY	0.1058, 0.2314, 0.3998
CMYK	0.00, 0.14, 0.33, 0.11
HSL	34°, 58%, 75%
HSV	34°, 33%, 89%
XYZ	57.4890, 58.2711, 38.3725
YIQ	200.6660, 32.8750, -6.5890

Conversions

Conversions Part 2

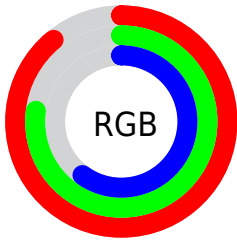
Format	Color
R_{YB}	209, 228, 153
Decimal	14992537
CIE _{Lab}	80.89, 5.22, 25.78
CIE _{LCh}	81, 26.304, 78.547
Yxy	58.2711, 0.3730, 0.3781
Android (android.graphics.Color)	4293182617 (0xFFE4C499)
YUV	200.6660, -23.4993, 23.9719
Hunter-Lab	76.3355, 0.8430, 23.6308

Details

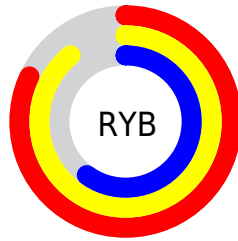
The YIQ color $200.6660, 32.8750, -6.5890$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $180.3340, -32.8750, 6.5890$, and the grayscale version is $201.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4680, 15.6370, -13.5710$, and $146.1110, 30.1240, -6.2920$ is the 20% darker color. If you saturate the color by 10%, you get $192.1740, 43.0080, -8.5120$, and if you desaturate by 10%, it is $209.1580, 22.7420, -4.6660$.

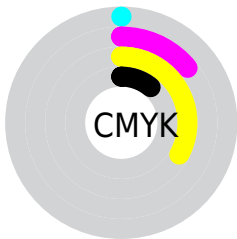
Distribution



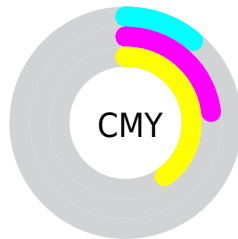
- Red (89%)
- Green (77%)
- Blue (60%)



- Red (82%)
- Yellow (89%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.6660, 32.8750, -6.5890 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 200.6660, 32.8750, -6.5890 by changing the saturation by 10% instead.

200.6660, 32.8750,
-6.5890

200.6660, 32.8750,
-6.5890

255.0000, -0.0000,
-0.0000

173.1820, 31.3620,
-6.7020

248.4680, 15.6370,
-13.5710

146.1110, 30.1240,
-6.2920

252.8340, 6.0990,
-5.9090

120.5130, 28.9320,
-6.7160

95.4420, 27.6940,
-6.3060

71.6590, 25.5850,
-6.6310

48.6480, 24.1180,
-7.5780

28.1190, 18.4780,

-4.4820

■ 5.0830, 10.1320,
3.6040

■ 0.0000, 0.0000,
0.0000

■ 200.6660, 32.8750,
-6.5890

■ 200.6660, 32.8750,
-6.5890

■ 192.1740, 43.0080,
-8.5120

■ 209.1580, 22.7420,
-4.6660

■ 184.2690, 52.8660,
-10.9580

■ 217.0630, 12.8840,
-2.2200

■ 175.8910, 62.6780,
-12.5700

■ 225.4410, 3.0720,
-0.6080

■ 167.3990, 72.8110,
-14.4930

■ 233.9330, -7.0610,
1.3150

■ 158.9070, 82.9440,
-16.4160

■ 241.0570,
-13.3420, -0.4940

■ 151.0020, 92.8020,
-18.8620

■ 246.3400,
-15.8170, -5.2010

■ 145.0690, 99.8630,
-20.1770

■ 246.9270,
-16.0920, -5.7240

Harmonies

Analogous

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



202.4210, 41.3550, 4.9310



200.6660, 32.8750, -6.5890



198.0010, 15.4540, -15.7620

Triad

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



200.6660, 32.8750, -6.5890



190.2970, -49.7890, -17.2850



204.8830, 5.5440, 20.6800

Complementary

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



200.6660, 32.8750, -6.5890



180.3340, -32.8750, 6.5890

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.



201.7920, -19.3050, 13.9670



200.6660, 32.8750, -6.5890



191.8270, -53.9170, -8.5490

Square

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



200.6660, 32.8750, -6.5890



191.8290, -31.0360, -21.2440



196.7350, -41.4940, 3.0980



205.0180, 27.0930, 21.1170

Rectangle

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



200.6660, 32.8750, -6.5890



196.4660, 0.7830, -19.7050



196.7350, -41.4940, 3.0980



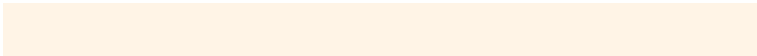
203.9360, -1.9750, 19.2810

Sweetspot

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



200.6660, 32.8750, -6.5890



245.6930, 11.0500, -2.0220



179.1870, 34.1070, 26.1630



122.0670, 7.0610, -1.3150



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.



200.6660, 32.8750, -6.5890



219.0600, 43.3290, -8.8230



217.9550, 21.0950, -24.3850



110.6970, 5.2270, -1.1170



113.3950, 78.6340, -15.3980



32.2720, 22.4210, -4.3550

Inverse Universe

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



180.3340, -32.8750, 6.5890



191.9400, -43.3290, 8.8230



163.0450, -21.0950, 24.3850



107.3030, -5.2270, 1.1170



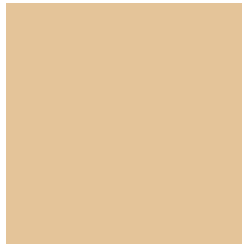
65.0180, -78.3590, 15.9210



18.7280, -22.4210, 4.3550

Previews

White Background



This preview shows how the YIQ color 200.6660, 32.8750, -6.5890 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 200.6660, 32.8750, -6.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

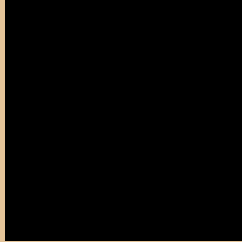
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 200.6660, 32.8750, -6.5890

Background



This preview shows how black text looks on a background with the YIQ color 200.6660, 32.8750, -6.5890.



This preview shows how white text looks on a background with the YIQ color 200.6660, 32.8750,

-6.5890.

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

200.6660, 32.8750, -6.5890

Protanopia

199.6430, 22.5140, -11.5500

Deuteranopia

201.4110, 38.1470, -3.0130



Tritanopia

204.1650, 22.0050, 14.2050

Trichromacy



Original Color

200.6660, 32.8750, -6.5890

Protanomaly

199.8500, 26.3650, -9.7550

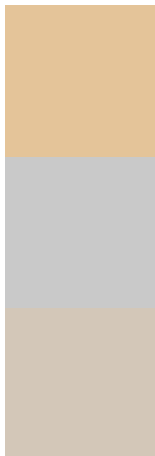
Deuteranomaly

201.1010, 36.0840, -4.1720

Tritanomaly

203.1620, 26.0870, 6.3030

Monochromacy



Original Color

200.6660, 32.8750, -6.5890

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

200.8780, 11.9670, -2.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.6660, 32.8750, -6.5890 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(228, 196, 153)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 153)  
}
```

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(228, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 153) }
```

Border

The CSS property to change the border of an element to YIQ 200.6660, 32.8750, -6.5890 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(228, 196, 153) }
```


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

```
.border{ border-color:rgb(228, 196, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 196, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 196, 153);  
box-shadow:4px 4px 4px 4px rgb(228, 196,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 200.6660, 32.8750, -6.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 153) }
```

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

```
.background{ background-color: rgb(228,  
196, 153) }
```

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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