

Converting Colors

YIQ(202.0900, 34.6170, -5.1190)

Have a look what the booklet for
YIQ(202.0900, 34.6170, -5.1190)
contains.

YIQ(202.0900, 34.6170, -5.1190)	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(202.0900, 34.6170,
-5.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C49B
RGB	232, 196, 155
RGB Percent	91%, 77%, 61%
CMY	0.0901, 0.2314, 0.3920
CMYK	0.00, 0.16, 0.33, 0.09
HSL	32°, 63%, 76%
HSV	32°, 33%, 91%
XYZ	58.9402, 58.9994, 39.3109
YIQ	202.0900, 34.6170, -5.1190

Conversions

Conversions Part 2

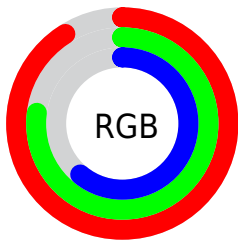
Format	Color
R_{YB}	223, 232, 155
Decimal	15254683
CIE _{Lab}	81.29, 7.02, 25.33
CIE _{LCh}	81, 26.286, 74.513
Yxy	58.9994, 0.3748, 0.3752
Android (android.graphics.Color)	4293444763 (0xFFE8C49B)
YUV	202.0900, -23.2154, 26.2311
Hunter-Lab	76.8110, 2.5509, 23.4239

Details

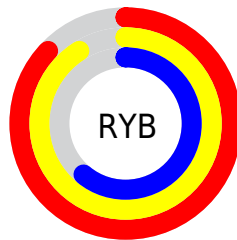
The YIQ color $202.0900, 34.6170, -5.1190$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $184.9100, -34.6170, 5.1190$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6960, 14.9950, -12.9490$, and $147.5350, 31.8660, -4.8220$ is the 20% darker color. If you saturate the color by 10%, you get $193.0110, 45.0250, -6.5190$, and if you desaturate by 10%, it is $211.1690, 24.2090, -3.7190$.

Distribution



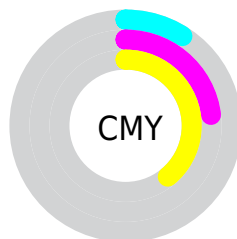
- Red (91%)
- Green (77%)
- Blue (61%)



- Red (87%)
- Yellow (91%)
- Blue (61%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.0900, 34.6170, -5.1190 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 202.0900, 34.6170, -5.1190 by changing the saturation by 10% instead.


 202.0900, 34.6170,
-5.1190


 202.0900, 34.6170,
-5.1190


255.0000, -0.0000,
-0.0000


 174.6060, 33.1040,
-5.2320


 248.6960, 14.9950,
-12.9490


 147.5350, 31.8660,
-4.8220

 253.0620, 5.4570,
-5.2870

 121.9370, 30.6740,
-5.2460

 96.5670, 28.8400,
-5.0480

 72.7840, 26.7310,
-5.3730

 49.3000, 25.2180,
-5.4860

 29.0160, 20.2660,

-3.8460

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 202.0900, 34.6170,
-5.1190

■ 202.0900, 34.6170,
-5.1190

■ 193.0110, 45.0250,
-6.5190

■ 211.1690, 24.2090,
-3.7190

■ 183.9320, 55.4330,
-7.9190

■ 220.2480, 13.8010,
-2.3190

■ 174.7390, 66.1620,
-9.6300

■ 229.4410, 3.0720,
-0.6080

■ 166.2470, 76.2950,
-11.5530

■ 237.9330, -7.0610,
1.3150

■ 157.1680, 86.7030,
-12.9530

■ 245.1880,
-12.3330, -2.2610

■ 148.0890, 97.1110,
-14.3530

■ 248.1230,
-13.7080, -4.8760

■ 141.5690,
104.4470, -15.1450

Harmonies

Analogous

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



204.3610, 41.5840, 6.2880



202.0900, 34.6170, -5.1190



199.4960, 18.4340, -14.7020

Triad

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



202.0900, 34.6170, -5.1190



191.1400, -47.9090, -18.3170



205.8010, 2.8390, 20.1430

Complementary

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



202.0900, 34.6170, -5.1190



184.9100, -34.6170, 5.1190

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.



202.2970, -22.2850, 12.9070



202.0900, 34.6170, -5.1190



192.5880, -54.7420, -10.1180

Square

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



202.0900, 34.6170, -5.1190



193.3840, -28.2850, -21.5410



197.1260, -44.1530, 1.7270



206.4630, 24.3420, 21.4140

Rectangle

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



202.0900, 34.6170, -5.1190



197.8470, 4.0840, -18.9560



197.1260, -44.1530, 1.7270



204.5550, -5.2760, 18.5320

Sweetspot

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



202.0900, 34.6170, -5.1190



245.1060, 11.3250, -1.4990



182.2410, 34.0150, 27.8310



121.4800, 7.3360, -0.7920



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.



202.0900, 34.6170, -5.1190



215.1960, 45.9420, -6.6180



222.9230, 24.1210, -24.1590



110.1100, 5.5020, -0.5940



109.2860, 80.5590, -11.7370



31.0980, 22.9710, -3.3090

Inverse Universe

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



184.9100, -34.6170, 5.1190



192.8040, -45.9420, 6.6180



164.0770, -24.1210, 24.1590



107.8900, -5.5020, 0.5940



69.7140, -80.5590, 11.7370



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 202.0900, 34.6170, -5.1190 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 202.0900, 34.6170, -5.1190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

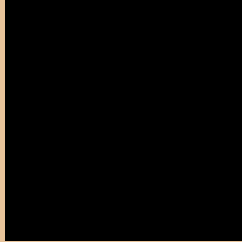
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.0900, 34.6170, -5.1190

Background



This preview shows how black text looks on a background with the YIQ color 202.0900, 34.6170, -5.1190.



This preview shows how white text looks on a background with the YIQ color 202.0900, 34.6170,

-5.1190.

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

202.0900, 34.6170, -5.1190

Protanopia

200.8710, 21.8720, -10.9280

Deuteranopia

202.4110, 38.1470, -3.0130



Tritanopia

205.0620, 23.7930, 14.8410

Trichromacy



Original Color

202.0900, 34.6170, -5.1190

Protanomaly

201.3770, 26.3190, -8.9210

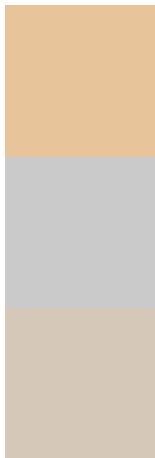
Deuteranomaly

202.4000, 36.6800, -3.9600

Tritanomaly

204.1730, 27.5540, 7.2500

Monochromacy



Original Color

202.0900, 34.6170, -5.1190

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.1770, 12.5630, -1.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.0900, 34.6170, -5.1190 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(232, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(232, 196, 155)  
}
```

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(232, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 196, 155) }
```

Border

The CSS property to change the border of an element to YIQ 202.0900, 34.6170, -5.1190 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(232, 196, 155) }
```


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

```
.border{ border-color:rgb(232, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(232, 196,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 202.0900, 34.6170, -5.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 196, 155) }
```

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

```
.background{ background-color: rgb(232,  
196, 155) }
```

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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