

Converting Colors

YIQ(202.0770, 36.6320, 7.9280)

Have a look what the booklet for
YIQ(202.0770, 36.6320, 7.9280)
contains.

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Color

**YIQ(202.0770, 36.6320,
7.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	F2BBAF
RGB	242, 187, 175
RGB Percent	95%, 73%, 69%
CMY	0.0509, 0.2667, 0.3136
CMYK	0.00, 0.23, 0.28, 0.05
HSL	11°, 72%, 82%
HSV	11°, 28%, 95%
XYZ	62.1359, 57.5103, 48.4034
YIQ	202.0770, 36.6320, 7.9280

Conversions

Conversions Part 2

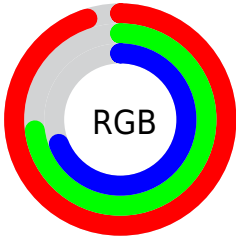
Format	Color
R _Y B	242, 190, 175
Decimal	15907759
CIE Lab	80.47, 18.15, 13.68
CIE LCh	80, 22.726, 37.010
Yxy	57.5103, 0.3697, 0.3422
Android (android.graphics.Color)	4294097839 (0xFFFF2BBAF)
YUV	202.0770, -13.3490, 35.0125
Hunter-Lab	75.8356, 13.5418, 15.2420

Details

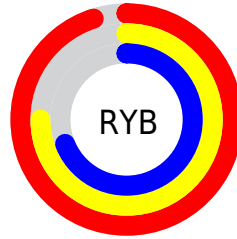
The YIQ color $202.0770, 36.6320, 7.9280$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $214.9230, -36.6320, -7.9280$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.2200, 11.0040, -1.1880$, and $147.9950, 33.9270, 7.3910$ is the 20% darker color. If you saturate the color by 10%, you get $187.6010, 49.8360, 10.9240$, and if you desaturate by 10%, it is $216.5530, 23.4280, 4.9320$.

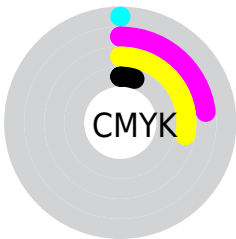
Distribution



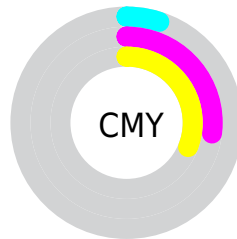
- Red (95%)
- Green (73%)
- Blue (69%)



- Red (95%)
- Yellow (75%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (28%)
- Black (5%)




- Cyan (5%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.0770, 36.6320, 7.9280 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 202.0770, 36.6320, 7.9280 by changing the saturation by 10% instead.


 202.0770, 36.6320,
7.9280


 202.0770, 36.6320,
7.9280


255.0000, -0.0000,
-0.0000


 174.4790, 35.4400,
7.5040


 245.2200, 11.0040,
-1.1880

 147.9950, 33.9270,
7.3910

 121.5110, 32.4140,
7.2780

 96.6140, 30.6260,
6.6420

 72.1300, 29.1130,
6.5290

 49.0480, 26.4080,
5.9920

 26.2220, 25.8580,

4.9460

■ 9.9810, 19.3470,
7.3070

■ 0.0000, 0.0000,
0.0000

■ 202.0770, 36.6320,
7.9280

■ 202.0770, 36.6320,
7.9280

■ 187.6010, 49.8360,
10.9240

■ 216.5530, 23.4280,
4.9320

■ 173.1250, 63.0400,
13.9200

■ 231.0290, 10.2240,
1.9360

■ 158.5350, 76.5650,
16.6050

■ 245.6190, -3.3010,
-0.7490

■ 144.0590, 89.7690,
19.6010

■ 251.1130, -7.7480,
-2.7560

■ 130.1700,
102.6980, 22.0740

■ 115.6940,
115.9020, 25.0700

■ 101.2180,
129.1060, 28.0660

■ 97.5990, 132.4070,
28.8150

Harmonies

Analogous

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



203.4820, 31.3580, 15.4060



202.0770, 36.6320, 7.9280



200.4150, 32.3240, -2.1080

Triad

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



202.0770, 36.6320, 7.9280



192.7550, -19.0240, -18.6720



199.2920, -23.8890, 8.9350

Complementary

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



202.0770, 36.6320, 7.9280



214.9230, -36.6320, -7.9280

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.



194.6980, -40.0720, -0.6480



202.0770, 36.6320, 7.9280



191.3540, -36.7680, -16.4800

Square

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



202.0770, 36.6320, 7.9280



195.6450, 1.8370, -16.7790



191.8510, -45.2970, -10.5850



202.7570, -3.0290, 16.3550

Rectangle

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



202.0770, 36.6320, 7.9280



198.8330, 25.0350, -7.6770



191.8510, -45.2970, -10.5850



197.5900, -30.7200, 6.0800

Sweetspot

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



202.0770, 36.6320, 7.9280



242.7410, 11.0950, 2.6710



201.4170, 21.9560, 31.6200



120.0610, 7.1980, 1.7100



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.



202.0770, 36.6320, 7.9280



204.9210, 45.9390, 9.9630



221.4480, 27.5570, -9.3310



112.7620, 6.6020, 1.4980



74.3870, 100.5890, 21.7490



22.6140, 30.6260, 6.6420

Inverse Universe

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



214.9230, -36.6320, -7.9280



221.0790, -45.9390, -9.9630



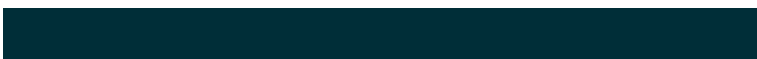
195.5520, -27.5570, 9.3310



115.2380, -6.6020, -1.4980



109.6130, -100.5890, -21.7490



33.3860, -30.6260, -6.6420

Previews

White Background



This preview shows how the YIQ color 202.0770, 36.6320, 7.9280 looks on a white background.

Color Contrast Check

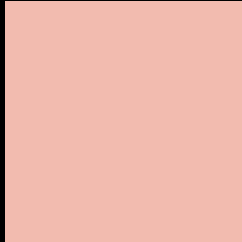
Large Text (above 18pt) WCAG AA × Fail

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 202.0770, 36.6320, 7.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

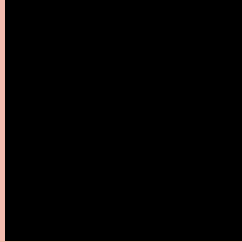
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.0770, 36.6320, 7.9280

Background



This preview shows how black text looks on a background with the YIQ color 202.0770, 36.6320, 7.9280.



This preview shows how white text looks on a background with the YIQ color 202.0770, 36.6320,

7.9280.

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

202.0770, 36.6320, 7.9280

Protanopia

199.6390, 11.1420, -3.6900

Deuteranopia

201.5980, 27.5550, 1.7230



Tritanopia

203.8350, 31.8620, 17.2860

Trichromacy



Original Color

202.0770, 36.6320, 7.9280

Protanomaly

200.6510, 20.0360, 0.3240

Deuteranomaly

201.9190, 31.0850, 3.8290

Tritanomaly

203.2110, 33.5590, 14.0630

Monochromacy



Original Color

202.0770, 36.6320, 7.9280

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.4100, 13.5250, 2.6850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.0770, 36.6320, 7.9280 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(242, 187, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 187, 175)  
}
```

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(242, 187, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 187, 175) }
```

Border

The CSS property to change the border of an element to YIQ 202.0770, 36.6320, 7.9280 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(242, 187, 175) }
```


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

```
.border{ border-color:rgb(242, 187, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 187, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 187, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 187, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 187,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 202.0770, 36.6320, 7.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 187, 175) }
```

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

```
.background{ background-color: rgb(242,  
187, 175) }
```

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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