

Converting Colors

YIQ(202.4480, 36.7250, 0.7330)

Have a look what the booklet for
YIQ(202.4480, 36.7250, 0.7330)
contains.

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Color

**YIQ(202.4480, 36.7250,
0.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC0A3
RGB	238, 192, 163
RGB Percent	93%, 75%, 64%
CMY	0.0666, 0.2471, 0.3606
CMYK	0.00, 0.19, 0.32, 0.07
HSL	23°, 69%, 79%
HSV	23°, 32%, 93%
XYZ	60.7278, 58.5178, 42.7649
YIQ	202.4480, 36.7250, 0.7330

Conversions

Conversions Part 2

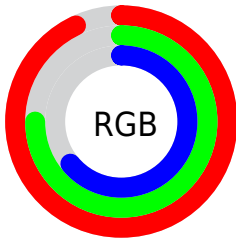
Format	Color
R _Y B	238, 210, 163
Decimal	15646883
CIE Lab	81.03, 12.43, 20.82
CIE LCh	81, 24.248, 59.160
Yxy	58.5178, 0.3748, 0.3612
Android (android.graphics.Color)	4293836963 (0xFFEEC0A3)
YUV	202.4480, -19.4479, 31.1791
Hunter-Lab	76.4969, 7.8343, 20.4024

Details

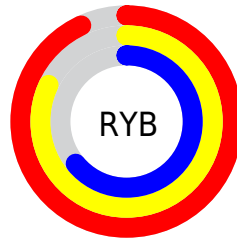
The YIQ color $202.4480, 36.7250, 0.7330$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.5520, -36.7250, -0.7330$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $246.6730, 13.8020, -7.8460$, and $147.7790, 34.2950, 0.7190$ is the 20% darker color. If you saturate the color by 10%, you get $190.9070, 48.5540, 1.1140$, and if you desaturate by 10%, it is $213.9890, 24.8960, 0.3520$.

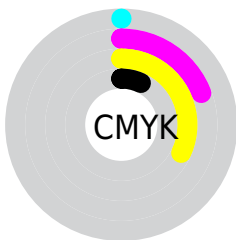
Distribution



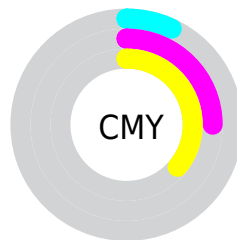
- Red (93%)
- Green (75%)
- Blue (64%)



- Red (93%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.4480, 36.7250, 0.7330 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 202.4480, 36.7250, 0.7330 by changing the saturation by 10% instead.

202.4480, 36.7250,
0.7330

202.4480, 36.7250,
0.7330

255.0000, -0.0000,
-0.0000

174.9640, 35.2120,
0.6200

246.6730, 13.8020,
-7.8460

147.7790, 34.2950,
0.7190

254.0880, 2.5680,
-2.4880

121.9960, 32.1860,
0.3940

96.5120, 30.6730,
0.2810

72.7290, 28.5640,
-0.0440

49.9460, 26.4550,
-0.3690

28.1630, 24.3460,

-0.6940

■ 8.3720, 16.6880,
5.9360

■ 0.0000, 0.0000,
0.0000

■ 202.4480, 36.7250,
0.7330

■ 202.4480, 36.7250,
0.7330

■ 190.9070, 48.5540,
1.1140

■ 213.9890, 24.8960,
0.3520

■ 179.9530, 60.1080,
0.9720

■ 224.9430, 13.3420,
0.4940

■ 168.5260, 71.6160,
1.6640

■ 236.3700, 1.8340,
-0.1980

■ 157.5720, 83.1700,
1.5220

■ 246.9820, -8.7570,
-0.9890

■ 146.0310, 94.9990,
1.9030

■ 249.9170,
-10.1320, -3.6040

■ 134.4900,
106.8280, 2.2840

■ 125.1660,
116.5480, 2.3400

Harmonies

Analogous

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



203.8540, 38.8780, 11.2780



202.4480, 36.7250, 0.7330



200.0780, 25.7230, -9.1330

Triad

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



202.4480, 36.7250, 0.7330



192.3710, -35.4380, -18.5580



203.5220, -9.6770, 15.6910

Complementary

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



202.4480, 36.7250, 0.7330



198.5520, -36.7250, -0.7330

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.



199.2310, -31.0870, 7.2250



202.4480, 36.7250, 0.7330



192.1880, -47.8640, -13.6240

Square

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



202.4480, 36.7250, 0.7330



195.1530, -14.3930, -20.0010



194.7680, -46.2610, -4.1250



205.3630, 12.8800, 19.8880

Rectangle

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



202.4480, 36.7250, 0.7330



198.4570, 14.1700, -14.5180



194.7680, -46.2610, -4.1250



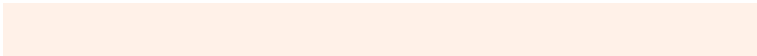
202.0480, -17.1500, 13.4580

Sweetspot

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



202.4480, 36.7250, 0.7330



244.1600, 11.2330, 0.1690



190.6690, 29.9340, 30.2060



121.0070, 7.2900, 0.0420



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.



202.4480, 36.7250, 0.7330



209.3090, 47.3620, 0.6900



224.1670, 26.5500, -18.6180



113.9360, 6.0520, 0.4520



96.6930, 90.1390, 1.8750



29.6580, 27.3260, 0.3660

Inverse Universe

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



198.5520, -36.7250, -0.7330



204.2780, -47.6370, -1.2130



176.8330, -26.5500, 18.6180



113.4770, -5.7770, 0.0710



87.3070, -90.1390, -1.8750



26.3420, -27.3260, -0.3660

Previews

White Background



This preview shows how the YIQ color 202.4480, 36.7250, 0.7330 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 202.4480, 36.7250, 0.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

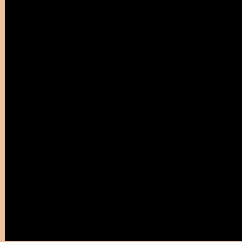
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.4480, 36.7250, 0.7330

Background



This preview shows how black text looks on a background with the YIQ color 202.4480, 36.7250, 0.7330.



This preview shows how white text looks on a background with the YIQ color 202.4480, 36.7250,

0.7330.

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

202.4480, 36.7250, 0.7330

Protanopia

200.7120, 18.0660, -8.0300

Deuteranopia

202.4260, 33.7910, -1.1610



Tritanopia

205.0410, 28.2860, 16.0140

Trichromacy



Original Color

202.4480, 36.7250, 0.7330

Protanomaly

201.5280, 24.5760, -4.8640

Deuteranomaly

202.1380, 34.6620, -0.4260

Tritanomaly

204.3200, 31.6340, 10.4020

Monochromacy



Original Color

202.4480, 36.7250, 0.7330

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.9430, 13.3420, 0.4940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.4480, 36.7250, 0.7330 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(238, 192, 163)` looks like.

```
.text, #text, p{  
    color:rgb(238, 192, 163)  
}
```

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(238, 192, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 192, 163) }
```

Border

The CSS property to change the border of an element to YIQ 202.4480, 36.7250, 0.7330 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(238, 192, 163) }
```


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

```
.border{ border-color:rgb(238, 192, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 192, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 192, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 192, 163); box-shadow:4px 4px 4px 4px rgb(238, 192, 163) }
```

Background

The CSS property to change the background color of an element to YIQ 202.4480, 36.7250, 0.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 192, 163) }
```

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

```
.background{ background-color: rgb(238,  
192, 163) }
```

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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