

Converting Colors

YIQ(202.5580, 42.2270, 0.1390)

Have a look what the booklet for
YIQ(202.5580, 42.2270, 0.1390)
contains.

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Color

**YIQ(202.5580, 42.2270,
0.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	F3BF9C
RGB	243, 191, 156
RGB Percent	95%, 75%, 61%
CMY	0.0470, 0.2510, 0.3880
CMYK	0.00, 0.21, 0.36, 0.05
HSL	24°, 78%, 78%
HSV	24°, 36%, 95%
XYZ	61.6021, 58.7133, 39.5606
YIQ	202.5580, 42.2270, 0.1390

Conversions

Conversions Part 2

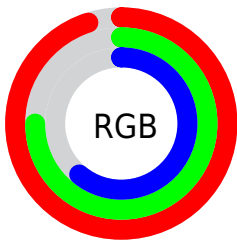
Format	Color
R _Y B	243, 215, 156
Decimal	15974300
CIE Lab	81.13, 14.02, 24.76
CIE LCh	81, 28.454, 60.475
Yxy	58.7133, 0.3853, 0.3672
Android (android.graphics.Color)	4294164380 (0xFF3BF9C)
YUV	202.5580, -22.9531, 35.4676
Hunter-Lab	76.6246, 9.4114, 23.0264

Details

The YIQ color $202.5580, 42.2270, 0.1390$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $196.4420, -42.2270, -0.1390$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $245.2880, 16.3240, -9.5000$, and $148.2910, 38.6050, -0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $191.0170, 54.0560, 0.5200$, and if you desaturate by 10%, it is $214.0990, 30.3980, -0.2420$.

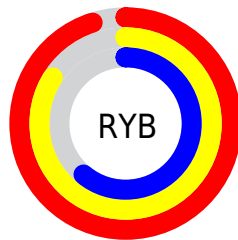
Distribution



Red (95%)

Green (75%)

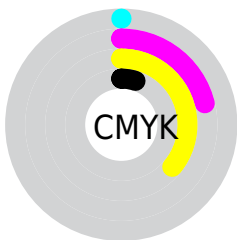
Blue (61%)



Red (95%)

Yellow (84%)

Blue (61%)

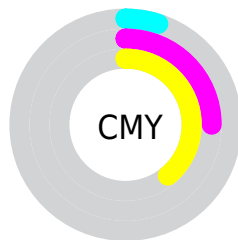


Cyan (0%)

Magenta (21%)

Yellow (36%)

Black (5%)



Cyan (5%)


Magenta (25%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.5580, 42.2270, 0.1390 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 202.5580, 42.2270, 0.1390 by changing the saturation by 10% instead.


 202.5580, 42.2270,
0.1390


 202.5580, 42.2270,
0.1390


255.0000, -0.0000,
-0.0000


 175.0740, 40.7140,
0.0260


 245.2880, 16.3240,
-9.5000


 148.2910, 38.6050,
-0.2990

 253.1760, 5.1360,
-4.9760

 121.8070, 37.0920,
-0.4120

 97.0240, 34.9830,
-0.7370

 72.6540, 33.1490,
-0.5390

 49.4580, 30.7650,
-1.3870

 28.1740, 25.8130,

0.2530

■ 8.9700, 17.8800,
6.3600

■ 0.0000, 0.0000,
0.0000

■ 202.5580, 42.2270,
0.1390

■ 202.5580, 42.2270,
0.1390

■ 191.0170, 54.0560,
0.5200

■ 214.0990, 30.3980,
-0.2420

■ 179.9490, 65.9310,
0.0670

■ 225.1670, 18.5230,
0.2110

■ 168.4080, 77.7600,
0.4480

■ 236.7080, 6.6940,
-0.1700

■ 157.4540, 89.3140,
0.3060

■ 247.6620, -4.8600,
-0.0280

■ 145.9130,
101.1430, 0.6870

■ 251.4120, -7.1520,
-2.5440

■ 134.8450,
113.0180, 0.2340

■ 130.1830,
117.8780, 0.2620

Harmonies

Analogous

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



204.3170, 44.8840, 12.5640



202.5580, 42.2270, 0.1390



200.3510, 29.2080, -11.7200

Triad

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



202.5580, 42.2270, 0.1390



190.0710, -43.4610, -21.8370



204.2170, -10.1360, 18.5040

Complementary

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



202.5580, 42.2270, 0.1390



196.4420, -42.2270, -0.1390

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.



199.2350, -36.9100, 8.1300



202.5580, 42.2270, 0.1390



189.5610, -59.2800, -15.9840

Square

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



202.5580, 42.2270, 0.1390



193.5930, -18.7480, -23.6760



192.6790, -56.2560, -4.7040



205.7380, 16.3180, 23.6620

Rectangle

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



202.5580, 42.2270, 0.1390



198.5340, 15.2710, -17.9530



192.6790, -56.2560, -4.7040



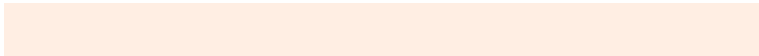
202.8460, -19.3970, 15.6350

Sweetspot

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



202.5580, 42.2270, 0.1390



241.8290, 13.6630, 0.1830



187.9410, 35.1600, 34.6160



120.1920, 8.2070, -0.0570



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.



202.5580, 42.2270, 0.1390



203.7180, 53.4600, 0.3080



227.7990, 30.4020, -22.3500



116.5230, 5.7770, -0.0710



99.6390, 90.2310, 0.2070



31.7290, 28.5640, -0.0440

Inverse Universe

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



196.4420, -42.2270, -0.1390



196.2820, -53.4600, -0.3080



171.2010, -30.4020, 22.3500



115.4770, -5.7770, 0.0710



86.3610, -90.2310, -0.2070



27.2710, -28.5640, 0.0440

Previews

White Background



This preview shows how the YIQ color 202.5580, 42.2270, 0.1390 looks on a white background.

Color Contrast Check

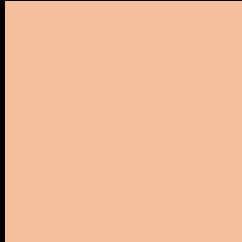
Large Text (above 18pt) WCAG AA × Fail

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 202.5580, 42.2270, 0.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

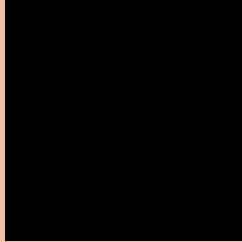
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.5580, 42.2270, 0.1390

Background



This preview shows how black text looks on a background with the YIQ color 202.5580, 42.2270, 0.1390.



This preview shows how white text looks on a background with the YIQ color 202.5580, 42.2270,

0.1390.

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

202.5580, 42.2270, 0.1390

Protanopia

200.3270, 20.5880, -9.6840

Deuteranopia

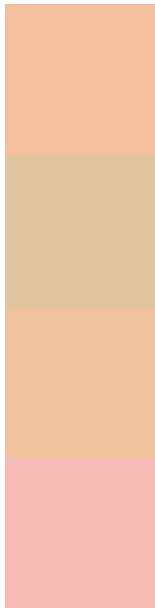
202.5250, 37.8260, -2.7020



Tritanopia

205.1340, 32.4580, 17.4980

Trichromacy



Original Color

202.5580, 42.2270, 0.1390

Protanomaly

201.0400, 28.8860, -5.8820

Deuteranomaly

202.5360, 39.2930, -1.7550

Tritanomaly

204.1850, 36.4480, 11.2640

Monochromacy



Original Color

202.5580, 42.2270, 0.1390

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.1990, 15.4970, -0.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.5580, 42.2270, 0.1390 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(243, 191, 156)` looks like.

```
.text, #text, p{  
    color:rgb(243, 191, 156)  
}
```

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(243, 191, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 191, 156) }
```

Border

The CSS property to change the border of an element to YIQ 202.5580, 42.2270, 0.1390 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(243, 191, 156) }
```


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

```
.border{ border-color:rgb(243, 191, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 191, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 191, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 191, 156);  
box-shadow:4px 4px 4px 4px rgb(243, 191,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 202.5580, 42.2270, 0.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 191, 156) }
```

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

```
.background{ background-color: rgb(243,  
191, 156) }
```

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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