

Converting Colors

YIQ(227.4990, 23.5200, 3.2640)

Have a look what the booklet for
YIQ(227.4990, 23.5200, 3.2640)
contains.

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Color

**YIQ(227.4990, 23.5200,
3.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDBCF
RGB	252, 219, 207
RGB Percent	99%, 86%, 81%
CMY	0.0117, 0.1412, 0.1881
CMYK	0.00, 0.13, 0.18, 0.01
HSL	16°, 88%, 90%
HSV	16°, 18%, 99%
XYZ	76.7450, 75.8609, 69.6460
YIQ	227.4990, 23.5200, 3.2640

Conversions

Conversions Part 2

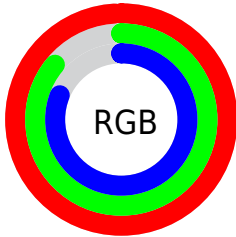
Format	Color
R _Y B	252, 223, 207
Decimal	16571343
CIE Lab	89.79, 9.58, 10.08
CIE LCh	90, 13.909, 46.456
Yxy	75.8609, 0.3453, 0.3413
Android (android.graphics.Color)	4294761423 (0xFFFCDBC F)
YUV	227.4990, -10.1060, 21.4874
Hunter-Lab	87.0982, 4.8604, 13.5589

Details

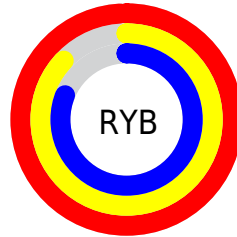
The YIQ color $227.4990, 23.5200, 3.2640$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $231.5010, -23.5200, -3.2640$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $172.0150, 22.0070, 3.1510$ is the 20% darker color. If you saturate the color by 10%, you get $213.4960, 36.7700, 5.4260$, and if you desaturate by 10%, it is $240.9150, 10.5450, 1.6250$.

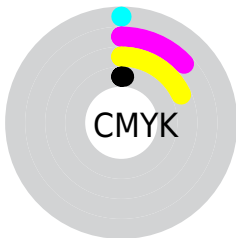
Distribution



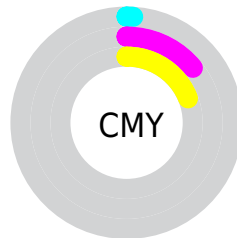
- Red (99%)
- Green (86%)
- Blue (81%)



- Red (99%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 227.4990, 23.5200, 3.2640 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 227.4990, 23.5200, 3.2640 by changing the saturation by 10% instead.


 227.4990, 23.5200,
3.2640


 227.4990, 23.5200,
3.2640


255.0000, -0.0000,
-0.0000


 199.3140, 22.6030,
3.3630

 172.0150, 22.0070,
3.1510

 145.7160, 21.4110,
2.9390

 119.5310, 20.4940,
3.0380

 94.9330, 19.3020,
2.6140

 70.7480, 18.3850,
2.7130

 48.2640, 16.8720,

2.6000

■ 27.1390, 15.7260,
1.3420

■ 5.9800, 11.9200,
4.2400

■ 227.4990, 23.5200,
3.2640

■ 227.4990, 23.5200,
3.2640

■ 213.4960, 36.7700,
5.4260

■ 240.9150, 10.5450,
1.6250

■ 200.0800, 49.7450,
7.0650

■ 254.1030, -1.7880,
-0.6360

■ 185.9630, 63.3160,
8.9160

■ 172.5470, 76.2910,
10.5550

■ 158.5440, 89.5410,
12.7170

■ 145.1280,
102.5160, 14.3560

■ 131.1250,
115.7660, 16.5180

■ 117.5950,
129.0620, 17.8460

■ 114.6770,
131.7670, 18.3830

Harmonies

Analogous

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



228.5900, 22.0060, 8.6780



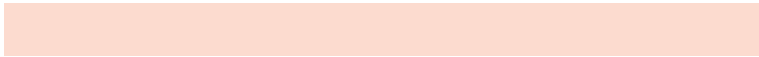
227.4990, 23.5200, 3.2640



226.3580, 19.3030, -2.9130

Triad

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



227.4990, 23.5200, 3.2640



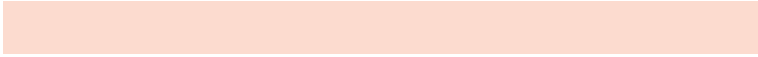
221.5370, -15.1740, -11.3500



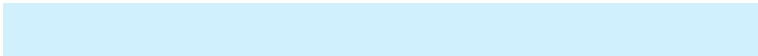
226.1810, -10.4550, 7.7610

Complementary

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



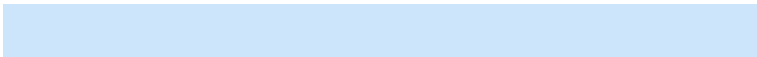
227.4990, 23.5200, 3.2640



231.5010, -23.5200, -3.2640

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.



224.3320, -21.3660, 1.7540



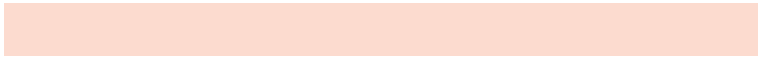
227.4990, 23.5200, 3.2640



221.6270, -24.1150, -9.0030

Square

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



227.4990, 23.5200, 3.2640



222.8820, -3.0240, -11.2800



222.1200, -26.8210, -4.0130



227.8190, 2.4280, 11.0680

Rectangle

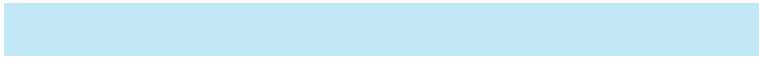
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.4990, 23.5200, 3.2640



225.3140, 13.4350, -6.7010



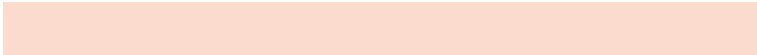
222.1200, -26.8210, -4.0130



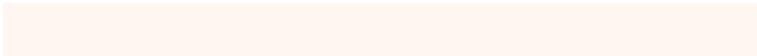
225.6750, -14.9020, 5.7540

Sweetspot

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



227.4990, 23.5200, 3.2640



248.2350, 6.6480, 0.6640



224.3310, 15.9060, 20.1140



123.5660, 4.2180, 0.6500



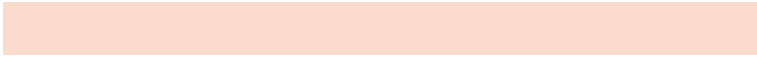
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.4990, 23.5200, 3.2640



225.9510, 28.0590, 3.6030



240.4130, 17.4700, -8.2420



118.2350, 6.6480, 0.6640



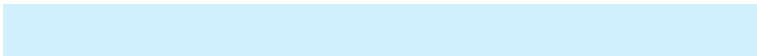
85.8610, 98.8940, 13.9180



27.6310, 31.9560, 4.5640

Inverse Universe

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



231.5010, -23.5200, -3.2640



230.6360, -28.3340, -4.1260



218.5870, -17.4700, 8.2420



119.3520, -6.9230, -1.1870



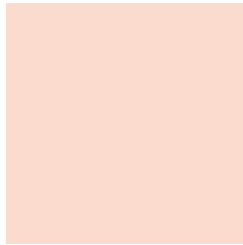
103.1390, -98.8940, -13.9180



33.3690, -31.9560, -4.5640

Previews

White Background



This preview shows how the YIQ color 227.4990, 23.5200, 3.2640 looks on a white background.

Color Contrast Check

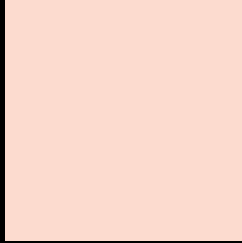
Large Text (above 18pt) WCAG AA × Fail

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 227.4990, 23.5200, 3.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

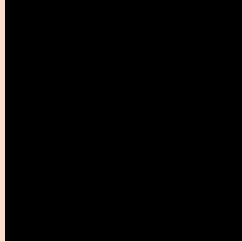
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 227.4990, 23.5200, 3.2640

Background



This preview shows how black text looks on a background with the YIQ color 227.4990, 23.5200, 3.2640.



This preview shows how white text looks on a background with the YIQ color 227.4990, 23.5200,

3.2640.

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

227.4990, 23.5200, 3.2640

Protanopia

225.9810, 10.1790, -2.7570

Deuteranopia

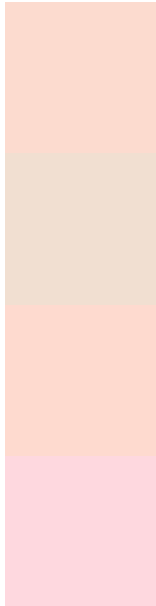
227.8090, 25.5830, 4.4230



Tritanopia

228.8980, 18.3830, 13.7670

Trichromacy



Original Color

227.4990, 23.5200, 3.2640

Protanomaly

226.7860, 15.2220, -0.5380

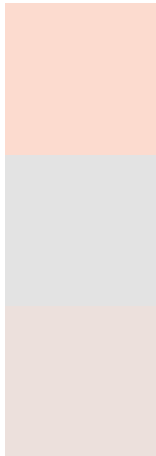
Deuteranomaly

227.5100, 24.9870, 4.2110

Tritanomaly

228.1600, 20.4010, 10.2330

Monochromacy



Original Color

227.4990, 23.5200, 3.2640

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

227.1320, 8.4360, 1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.4990, 23.5200, 3.2640 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(252, 219, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 207)  
}
```

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(252, 219, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 207) }
```

Border

The CSS property to change the border of an element to YIQ 227.4990, 23.5200, 3.2640 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(252, 219, 207) }
```


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

```
.border{ border-color:rgb(252, 219, 207) }
```

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

Here you see how a box with a 4 pixel rgb(252, 219, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 227.4990, 23.5200, 3.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 207) }
```

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

```
.background{ background-color: rgb(252,  
219, 207) }
```

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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