

Converting Colors

YIQ(242.9550, 13.0680, -5.5560)

Have a look what the booklet for
YIQ(242.9550, 13.0680, -5.5560)
contains.

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Color

**YIQ(242.9550, 13.0680,
-5.5560)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF3DB
RGB	252, 243, 219
RGB Percent	99%, 95%, 86%
CMY	0.0118, 0.0470, 0.1411
CMYK	0.00, 0.04, 0.13, 0.01
HSL	44°, 85%, 92%
HSV	44°, 13%, 99%
XYZ	84.9835, 89.9101, 79.9055
YIQ	242.9550, 13.0680, -5.5560

Conversions

Conversions Part 2

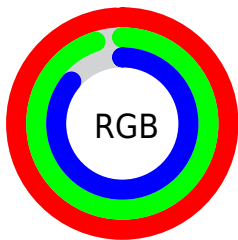
Format	Color
R _Y B	231, 252, 219
Decimal	16577499
CIE Lab	95.96, -0.89, 12.63
CIE LCh	96, 12.665, 94.042
Yxy	89.9101, 0.3335, 0.3529
Android (android.graphics.Color)	4294767579 (0xFFFCF3DB)
YUV	242.9550, -11.8098, 7.9325
Hunter-Lab	94.8209, -5.9555, 16.4110

Details

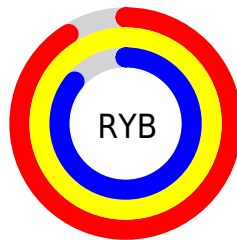
The YIQ color **242.9550, 13.0680, -5.5560** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **228.0450, -13.0680, 5.5560**, and the grayscale version is **243.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **186.7700, 12.1510, -5.4570** is the 20% darker color. If you saturate the color by 10%, you get **235.9960, 23.0180, -9.6700**, and if you desaturate by 10%, it is **249.9140, 3.1180, -1.4420**.

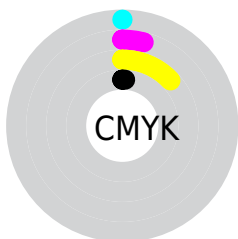
Distribution



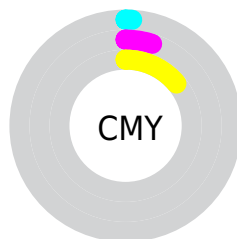
- Red (99%)
- Green (95%)
- Blue (86%)



- Red (91%)
- Yellow (99%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 242.9550, 13.0680, -5.5560 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 242.9550, 13.0680, -5.5560 by changing the saturation by 10% instead.


 242.9550, 13.0680,
-5.5560


 242.9550, 13.0680,
-5.5560


255.0000, -0.0000,
-0.0000


 214.6560, 12.4720,
-5.7680

 186.7700, 12.1510,
-5.4570

 159.8840, 11.8300,
-5.1460

 133.5850, 11.2340,
-5.3580

 108.6990, 10.9130,
-5.0470

 83.8130, 10.5920,
-4.7360

 60.6280, 9.6750,

-4.6370

■ 39.4430, 8.7580,
-4.5380

■ 18.6280, 9.6750,
-4.6370

■ 242.9550, 13.0680,
-5.5560

■ 242.9550, 13.0680,
-5.5560

■ 235.9960, 23.0180,
-9.6700

■ 249.9140, 3.1180,
-1.4420

■ 229.0370, 32.9680,
-13.7840

■ 254.1030, -1.7880,
-0.6360

■ 221.9640, 43.2390,
-18.2090

■ 215.0050, 53.1890,
-22.3230

■ 208.6330, 62.8640,
-26.9600

■ 201.6740, 72.8140,
-31.0740

■ 194.7150, 82.7640,
-35.1880

■ 187.6420, 93.0350,
-39.6130

■ 182.7690, 99.8670,
-42.2850

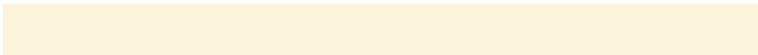
Harmonies

Analogous

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



241.8460, 14.9930, -1.8950



242.9550, 13.0680, -5.5560



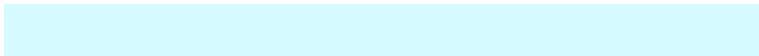
241.5730, 2.3400, -9.3720

Triad

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



242.9550, 13.0680, -5.5560



239.5070, -23.6570, -6.2890



243.7330, 5.5460, 9.6260

Complementary

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



242.9550, 13.0680, -5.5560



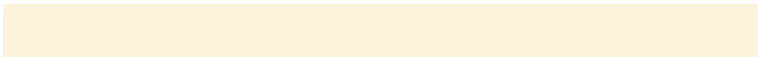
228.0450, -13.0680, 5.5560

Split Complementary

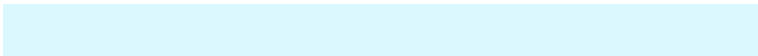
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.1020, -0.0470, 6.3610



242.9550, 13.0680, -5.5560



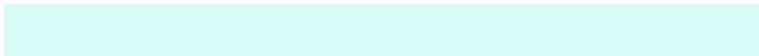
240.4260, -18.9350, -3.7590

Square

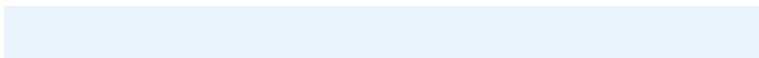
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.9550, 13.0680, -5.5560



239.5520, -19.5300, -9.4980



241.9650, -10.0870, 1.0890



241.7780, 9.6730, 6.4170

Rectangle

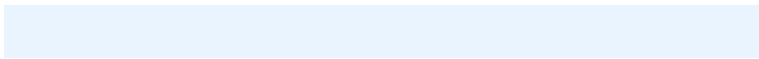
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.9550, 13.0680, -5.5560



240.7400, -5.5000, -10.4600



241.9650, -10.0870, 1.0890



244.4340, 4.9500, 9.4140

Sweetspot

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



242.9550, 13.0680, -5.5560



252.0990, 4.0350, -1.5410



229.8930, 16.7790, 9.7950



126.0280, 2.7970, -1.1310



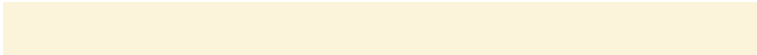
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



242.9550, 13.0680, -5.5560



243.8690, 16.1860, -6.9980



246.1450, 6.4210, -11.7470



121.7570, 4.9980, -2.4740



136.9300, 74.9690, -31.5830



44.0670, 24.2560, -10.0800

Inverse Universe

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



228.0450, -13.0680, 5.5560



225.1310, -16.1860, 6.9980



224.8550, -6.4210, 11.7470



115.8300, -5.2730, 1.9510



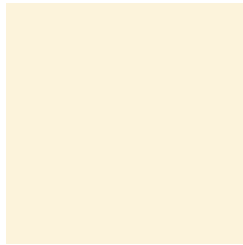
51.4830, -74.6940, 32.1060



16.9330, -24.2560, 10.0800

Previews

White Background



This preview shows how the YIQ color 242.9550, 13.0680, -5.5560 looks on a white background.

Color Contrast Check

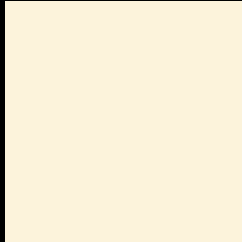
Large Text (above 18pt) WCAG AA × Fail

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 242.9550, 13.0680, -5.5560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

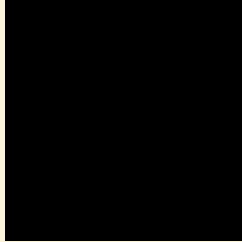
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 242.9550, 13.0680, -5.5560

Background



This preview shows how black text looks on a background with the YIQ color 242.9550, 13.0680, -5.5560.



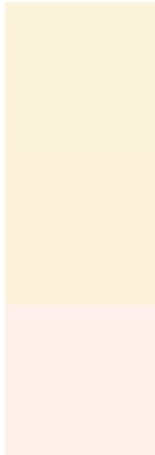
This preview shows how white text looks on a background with the YIQ color 242.9550, 13.0680, -5.5560.

-5.5560.

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

242.9550, 13.0680, -5.5560

Protanopia

243.2540, 13.6640, -5.3440

Deuteranopia

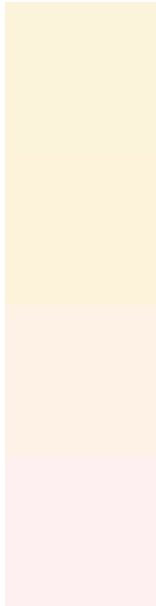
244.0290, 10.2240, 1.9360



Tritanopia

245.4940, 4.7210, 8.0570

Trichromacy



Original Color

242.9550, 13.0680, -5.5560

Protanomaly

243.2540, 13.6640, -5.3440

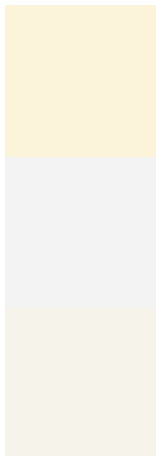
Deuteranomaly

243.6330, 11.2790, -0.6650

Tritanomaly

244.3000, 8.0230, 3.2790

Monochromacy



Original Color

242.9550, 13.0680, -5.5560

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

242.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 242.9550, 13.0680, -5.5560 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, 243, 219)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 219)  
}
```

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, 243, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 219) }
```

Border

The CSS property to change the border of an element to YIQ 242.9550, 13.0680, -5.5560 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, 243, 219) }
```


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

```
.border{ border-color:rgb(252, 243, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 219);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 242.9550, 13.0680, -5.5560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 219) }
```

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

```
.background{ background-color: rgb(252,  
243, 219) }
```

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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