

Converting Colors

YIQ(233.2570, 9.5820, 2.5580)

Have a look what the booklet for
YIQ(233.2570, 9.5820, 2.5580)
contains.

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Color

**YIQ(233.2570, 9.5820,
2.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E5E3
RGB	244, 229, 227
RGB Percent	96%, 90%, 89%
CMY	0.0431, 0.1020, 0.1098
CMYK	0.00, 0.06, 0.07, 0.04
HSL	7°, 44%, 92%
HSV	7°, 7%, 96%
XYZ	79.1954, 80.8164, 84.1054
YIQ	233.2570, 9.5820, 2.5580

Conversions

Conversions Part 2

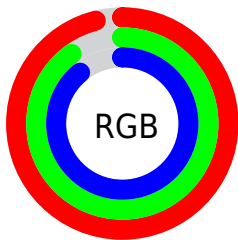
Format	Color
R_{YB}	244, 229, 227
Decimal	16049635
CIE Lab	92.05, 4.76, 2.79
CIE LCh	92, 5.520, 30.320
Yxy	80.8164, 0.3244, 0.3311
Android (android.graphics.Color)	4294239715 (0xFF4E5E3)
YUV	233.2570, -3.0847, 9.4216
Hunter-Lab	89.8979, -0.0723, 7.4589

Details

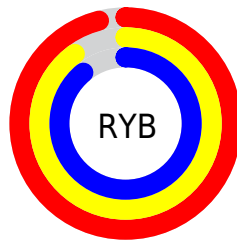
The YIQ color $233.2570, 9.5820, 2.5580$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.7430, -9.5820, -2.5580$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.9580, 8.9860, 2.3460$ is the 20% darker color. If you saturate the color by 10%, you get $217.6070, 23.3360, 6.6000$, and if you desaturate by 10%, it is $248.9070, -4.1720, -1.4840$.

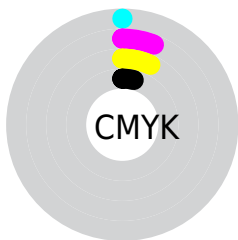
Distribution



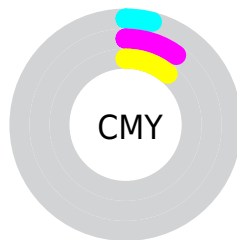
- Red (96%)
- Green (90%)
- Blue (89%)



- Red (96%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.2570, 9.5820, 2.5580 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 233.2570, 9.5820, 2.5580 by changing the saturation by 10% instead.

233.2570, 9.5820,
2.5580

233.2570, 9.5820,
2.5580

255.0000, -0.0000,
-0.0000

205.2570, 9.5820,
2.5580

177.9580, 8.9860,
2.3460

150.9580, 8.9860,
2.3460

124.7730, 8.0690,
2.4450

99.7730, 8.0690,
2.4450

76.3600, 7.7940,
1.9220

53.1750, 6.8770,

2.0210

■ 31.8760, 6.2810,
1.8090

■ 7.8550, 10.7740,
2.9820

■ 233.2570, 9.5820,
2.5580

■ 233.2570, 9.5820,
2.5580

■ 217.6070, 23.3360,
6.6000

■ 248.9070, -4.1720,
-1.4840

■ 202.4300, 37.1360,
9.8080

■ 251.7110, -6.5560,
-2.3320

■ 186.7800, 50.8900,
13.8500

■ 171.6030, 64.6900,
17.0580

■ 155.9530, 78.4440,
21.1000

■ 140.8900, 91.9230,
24.6190

■ 125.1260,
105.9980, 28.3500

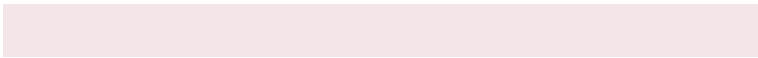
■ 110.0630,
119.4770, 31.8690

■ 94.2990, 133.5520,
35.6000

Harmonies

Analogous

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



233.5280, 7.3810, 3.9010



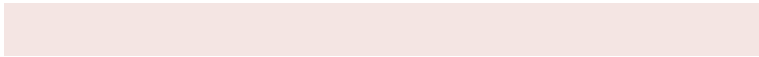
233.2570, 9.5820, 2.5580



232.7900, 9.3990, 0.3670

Triad

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



233.2570, 9.5820, 2.5580



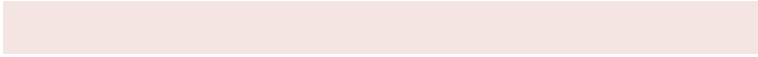
231.0980, -3.3920, -4.6080



232.3460, -6.7860, 1.8380

Complementary

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



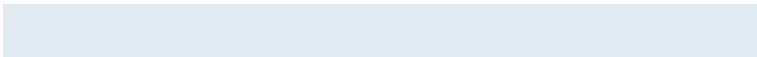
233.2570, 9.5820, 2.5580



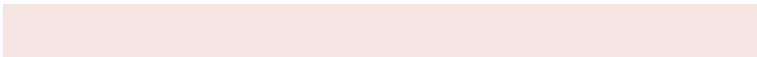
237.7430, -9.5820, -2.5580

Split Complementary

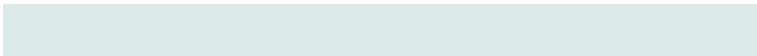
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.2100, -9.3990, -0.3670



233.2570, 9.5820, 2.5580



230.4720, -7.3810, -3.9010

Square

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



233.2570, 9.5820, 2.5580



231.2620, 2.0180, -3.5340



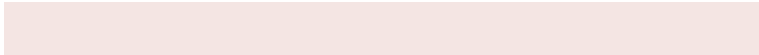
230.7430, -9.5820, -2.5580



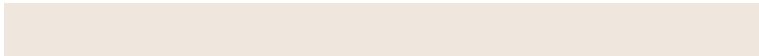
232.7380, -2.0180, 3.5340

Rectangle

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



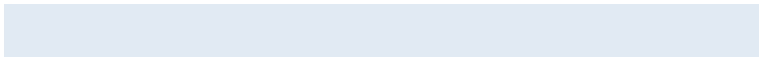
233.2570, 9.5820, 2.5580



232.3660, 7.6570, -1.1030



230.7430, -9.5820, -2.5580



231.6340, -7.6570, 1.1030

Sweetspot

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



233.2570, 9.5820, 2.5580



251.4950, 2.9800, 1.0600



233.7930, 5.3170, 8.2690



125.8970, 1.7880, 0.6360



0.0000, 0.0000, 0.0000



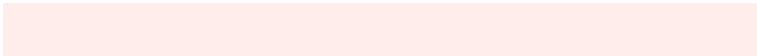
128.0000, -0.0000, -0.0000

Same Dimension

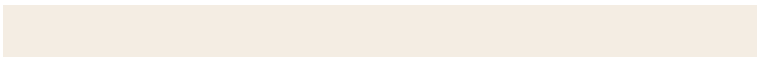
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.2570, 9.5820, 2.5580



242.1540, 11.3700, 3.1940



237.9530, 7.3820, -1.6260



114.7620, 6.6020, 1.4980



68.5280, 104.8060, 27.9260



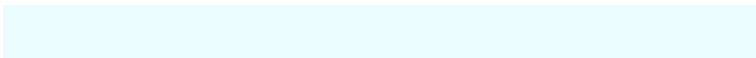
21.7500, 33.2390, 8.8470

Inverse Universe

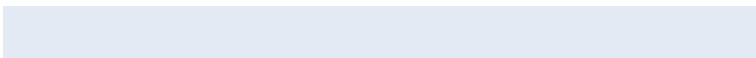
The Inverse Universe completely reimagines the original color for something new.



237.7430, -9.5820, -2.5580



247.8460, -11.3700, -3.1940



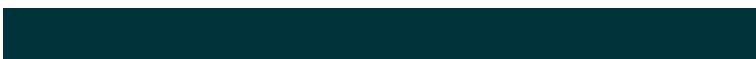
233.0470, -7.3820, 1.6260



117.8250, -6.8770, -2.0210



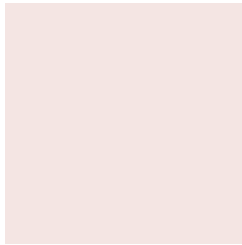
117.4720, -104.8060, -27.9260



37.2500, -33.2390, -8.8470

Previews

White Background



This preview shows how the YIQ color 233.2570, 9.5820, 2.5580 looks on a white background.

Color Contrast Check

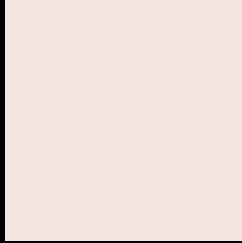
Large Text (above 18pt) WCAG AA × Fail

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 233.2570, 9.5820, 2.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

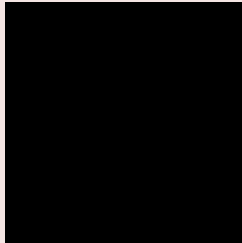
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

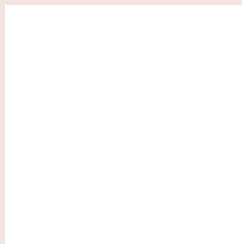
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.2570, 9.5820, 2.5580

Background



This preview shows how black text looks on a background with the YIQ color 233.2570, 9.5820, 2.5580.



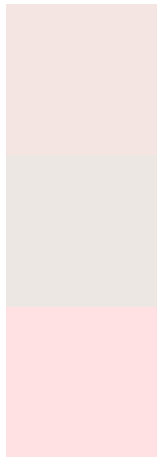
This preview shows how white text looks on a background with the YIQ color 233.2570, 9.5820,

2.5580.

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

233.2570, 9.5820, 2.5580

Protanopia

232.4520, 4.5390, 0.3390

Deuteranopia

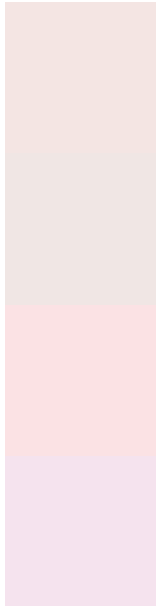
234.3120, 16.9170, 7.2930



Tritanopia

234.0320, 6.1420, 9.8380

Trichromacy



Original Color

233.2570, 9.5820, 2.5580

Protanomaly

232.7620, 6.6020, 1.4980

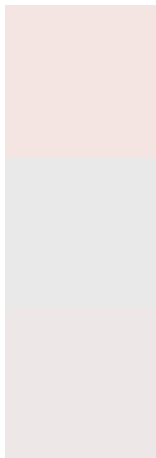
Deuteranomaly

233.7030, 14.2580, 5.9220

Tritanomaly

233.6360, 7.1970, 7.2370

Monochromacy



Original Color

233.2570, 9.5820, 2.5580

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.3810, 3.3010, 0.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.2570, 9.5820, 2.5580 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(244, 229, 227)` looks like.

```
.text, #text, p{  
    color:rgb(244, 229, 227)  
}
```

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(244, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 229, 227) }
```

Border

The CSS property to change the border of an element to YIQ 233.2570, 9.5820, 2.5580 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(244, 229, 227) }
```


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

```
.border{ border-color:rgb(244, 229, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 229, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 229, 227);  
box-shadow:4px 4px 4px 4px rgb(244, 229,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 233.2570, 9.5820, 2.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 229, 227) }
```

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

```
.background{ background-color: rgb(244,  
229, 227) }
```

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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