

Converting Colors

YIQ(237.1730, 1.1910, 5.9510)

Have a look what the booklet for
YIQ(237.1730, 1.1910, 5.9510)
contains.

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Color

**YIQ(237.1730, 1.1910,
5.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	F2E9F6
RGB	242, 233, 246
RGB Percent	95%, 91%, 96%
CMY	0.0509, 0.0863, 0.0353
CMYK	0.02, 0.05, 0.00, 0.04
HSL	282°, 42%, 94%
HSV	282°, 5%, 96%
XYZ	82.3927, 83.8080, 99.0217
YIQ	237.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

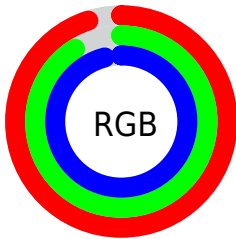
Format	Color
R _Y B	242, 233, 246
Decimal	15919606
CIE Lab	93.37, 5.34, -5.21
CIE LCh	93, 7.455, 315.706
Yxy	83.8080, 0.3107, 0.3160
Android (android.graphics.Color)	4294109686 (0xFF F2E9F6)
YUV	237.1730, 4.3517, 4.2333
Hunter-Lab	91.5467, 0.4446, -0.0484

Details

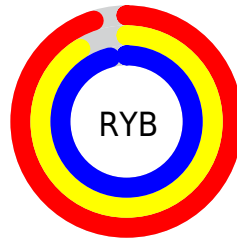
The YIQ color $237.1730, 1.1910, 5.9510$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.8270, -1.1910, -5.9510$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.1730, 1.1910, 5.9510$ is the 20% darker color. If you saturate the color by 10%, you get $220.1060, 3.2980, 17.3300$, and if you desaturate by 10%, it is $252.4790, -0.0910, -3.8590$.

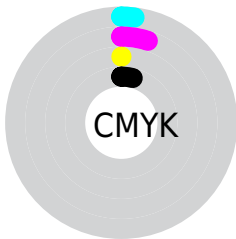
Distribution



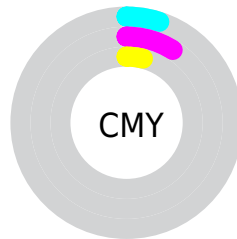
- Red (95%)
- Green (91%)
- Blue (96%)



- Red (95%)
- Yellow (91%)
- Blue (96%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 237.1730, 1.1910, 5.9510 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 237.1730, 1.1910, 5.9510 by changing the saturation by 10% instead.

237.1730, 1.1910,
5.9510

237.1730, 1.1910,
5.9510

255.0000, -0.0000,
-0.0000

209.1730, 1.1910,
5.9510

181.1730, 1.1910,
5.9510

154.7600, 0.9160,
5.4280

128.6460, 1.2370,
5.1170

103.6460, 1.2370,
5.1170

79.3470, 0.6410,
4.9050

56.2330, 0.9620,

4.5940

■ 34.9340, 0.3660,
4.3820

■ 13.0590, 1.5120,
5.6400

■ 237.1730, 1.1910,
5.9510

■ 237.1730, 1.1910,
5.9510

■ 220.1060, 3.2980,
17.3300

■ 252.4790, -0.0910,
-3.8590

■ 203.9250, 5.7260,
28.3980

■ 253.9740, 2.8890,
-2.7990

■ 186.8580, 7.8330,
39.7770

■ 170.6770, 10.2610,
50.8450

■ 153.6100, 12.3680,
62.2240

■ 136.8420, 15.0710,
73.8150

■ 120.3620, 16.9030,
84.6710

■ 103.5940, 19.6060,
96.2620

■ 87.1140, 21.4380,
107.1180

Harmonies

Analogous

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



236.1120, -6.0070, 4.2410



237.1730, 1.1910, 5.9510



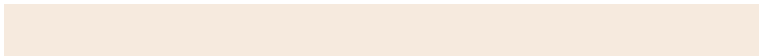
237.9950, 7.5640, 6.0920

Triad

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



237.1730, 1.1910, 5.9510



236.2200, 11.0040, -1.1880



233.6070, -12.1950, -4.7630

Complementary

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



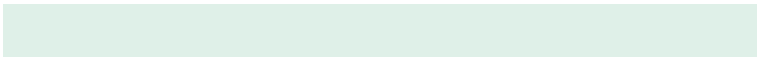
237.1730, 1.1910, 5.9510



241.8270, -1.1910, -5.9510

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.



234.0050, -7.5640, -6.0920



237.1730, 1.1910, 5.9510



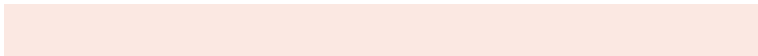
235.5890, 5.4110, -4.4530

Square

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



237.1730, 1.1910, 5.9510



236.9970, 13.2500, 2.1620



234.8270, -1.1910, -5.9510



234.1170, -13.5710, -1.8510

Rectangle

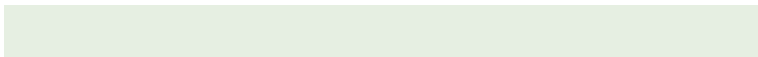
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



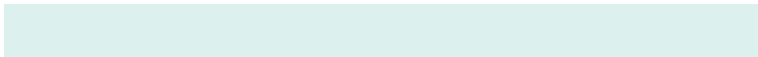
237.1730, 1.1910, 5.9510



237.4360, 10.6360, 5.4840



234.8270, -1.1910, -5.9510



233.6780, -10.9570, -5.1730

Sweetspot

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



237.1730, 1.1910, 5.9510



251.4670, 0.1830, 2.1910



236.8300, -5.2730, 1.9510



125.9400, 0.2290, 1.3570



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.



237.1730, 1.1910, 5.9510



244.7000, 1.1450, 6.7850



238.1410, 4.2170, 6.1770



116.7060, 1.0080, 3.7600



59.7750, 17.1780, 85.1940



18.9850, 5.4970, 27.0410

Inverse Universe

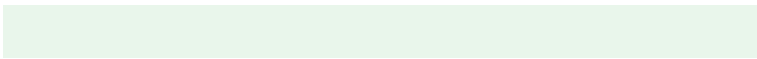
The Inverse Universe completely reimagines the original color for something new.



237.3430, 6.4640, 4.0000



244.9410, 7.6560, 4.4240



240.8590, -4.2170, -6.1770



116.6200, 4.1260, 2.3180



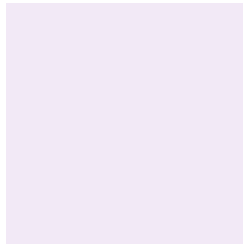
62.1120, 92.5590, 57.1590



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 237.1730, 1.1910, 5.9510 looks on a white background.

Color Contrast Check

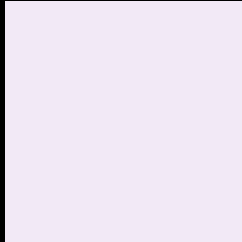
Large Text (above 18pt) WCAG AA × Fail

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 237.1730, 1.1910, 5.9510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

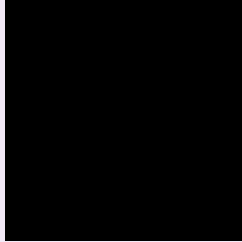
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

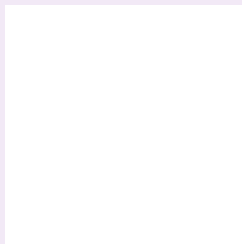
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 237.1730, 1.1910, 5.9510

Background



This preview shows how black text looks on a background with the YIQ color 237.1730, 1.1910, 5.9510.



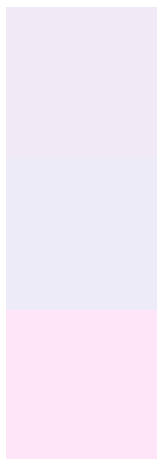
This preview shows how white text looks on a background with the YIQ color 237.1730, 1.1910,

5.9510.

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

237.1730, 1.1910, 5.9510

Protanopia

236.9660, -2.6600, 4.1560

Deuteranopia

238.5270, 9.1220, 10.8980



Tritanopia

237.4550, 0.4570, 8.2410

Trichromacy



Original Color

237.1730, 1.1910, 5.9510

Protanomaly

236.9770, -1.1930, 5.1030

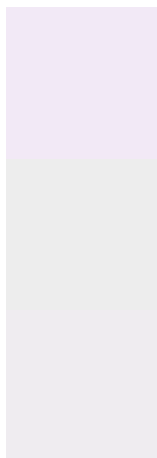
Deuteranomaly

237.9180, 6.4630, 9.5270

Tritanomaly

237.2270, 1.0990, 7.6190

Monochromacy



Original Color

237.1730, 1.1910, 5.9510

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

237.3530, 0.5040, 1.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 237.1730, 1.1910, 5.9510 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(242, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(242, 233, 246)  
}
```

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(242, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 233, 246) }
```

Border

The CSS property to change the border of an element to YIQ 237.1730, 1.1910, 5.9510 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(242, 233, 246) }
```


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

```
.border{ border-color:rgb(242, 233, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 233, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(242, 233,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 237.1730, 1.1910, 5.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 233, 246) }
```

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

```
.background{ background-color: rgb(242,  
233, 246) }
```

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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