

Converting Colors

YIQ(236.1360, 11.7810, 12.2690)

Have a look what the booklet for
YIQ(236.1360, 11.7810, 12.2690)
contains.

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Color

**YIQ(236.1360, 11.7810,
12.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1F4
RGB	255, 225, 244
RGB Percent	100%, 88%, 96%
CMY	0.0000, 0.1177, 0.0431
CMYK	0.00, 0.12, 0.04, 0.00
HSL	322°, 100%, 94%
HSV	322°, 12%, 100%
XYZ	84.4922, 81.6358, 96.8985
YIQ	236.1360, 11.7810, 12.2690

Conversions

Conversions Part 2

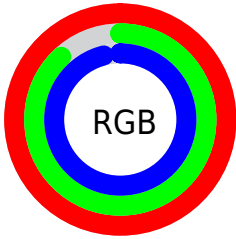
Format	Color
R_{YB}	255, 225, 244
Decimal	16769524
CIE _{Lab}	92.41, 13.46, -5.45
CIE _{LCh}	92, 14.523, 337.940
Yxy	81.6358, 0.3212, 0.3104
Android (android.graphics.Color)	4294959604 (0xFFFFE1F4)
YUV	236.1360, 3.8770, 16.5437
Hunter-Lab	90.3525, 8.8054, -0.3388

Details

The YIQ color $236.1360, 11.7810, 12.2690$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $243.8640, -11.7810, -12.2690$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.4240, 10.9100, 11.5340$ is the 20% darker color. If you saturate the color by 10%, you get $219.8480, 21.8200, 23.0680$, and if you desaturate by 10%, it is $251.8370, 2.0170, 1.9930$.

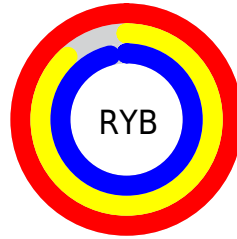
Distribution



Red (100%)

Green (88%)

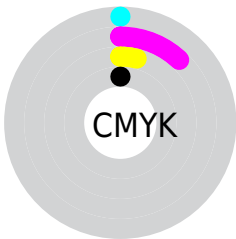
Blue (96%)



Red (100%)

Yellow (88%)

Blue (96%)

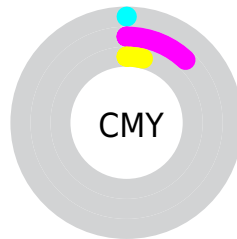


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.1360, 11.7810, 12.2690 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 236.1360, 11.7810, 12.2690 by changing the saturation by 10% instead.

236.1360, 11.7810,
12.2690

236.1360, 11.7810,
12.2690

255.0000, -0.0000,
-0.0000

207.8370, 11.1850,
12.0570

180.4240, 10.9100,
11.5340

153.4240, 10.9100,
11.5340

127.1250, 10.3140,
11.3220

102.2990, 9.7640,
10.2760

78.0000, 9.1680,
10.0640

55.5870, 8.8930,

9.5410

■ 33.2880, 8.2970,
9.3290

■ 10.6520, 10.2680,
12.1560

■ 236.1360, 11.7810,
12.2690

■ 236.1360, 11.7810,
12.2690

■ 219.8480, 21.8200,
23.0680

■ 251.8370, 2.0170,
1.9930

■ 204.0330, 31.9050,
33.0330

255.0000, -0.0000,
-0.0000

■ 187.7450, 41.9440,
43.8320

■ 172.0440, 51.7080,
54.1080

■ 155.6420, 62.0680,
64.5960

■ 139.9410, 71.8320,
74.8720

■ 123.6530, 81.8710,
85.6710

■ 107.8380, 91.9560,
95.6360

■ 94.7130, 99.9780,
104.4420

Harmonies

Analogous

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



235.5520, -1.1940, 10.6300



236.1360, 11.7810, 12.2690



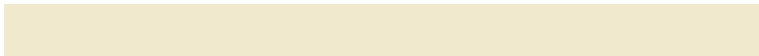
233.9530, 16.5500, 8.4380

Triad

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



236.1360, 11.7810, 12.2690



232.3140, 13.4350, -6.7010



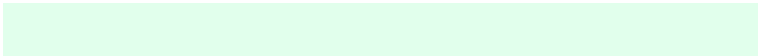
229.4680, -27.9210, -6.1050

Complementary

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



236.1360, 11.7810, 12.2690



243.8640, -11.7810, -12.2690

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.



228.8720, -23.4270, -10.4590



236.1360, 11.7810, 12.2690



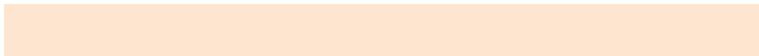
231.0350, 0.9190, -11.1530

Square

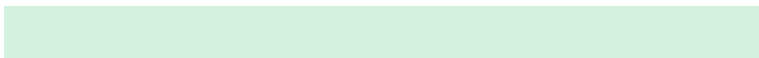
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



236.1360, 11.7810, 12.2690



234.0810, 21.6410, -1.2310



229.5650, -12.3770, -12.4810



230.6690, -23.9330, -1.2850

Rectangle

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



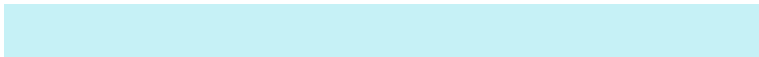
236.1360, 11.7810, 12.2690



232.9270, 19.4390, 5.6390



229.5650, -12.3770, -12.4810



228.7130, -27.2330, -7.5610

Sweetspot

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



236.1360, 11.7810, 12.2690



248.6740, 4.0340, 3.9860



231.4100, -3.6700, 11.4500



123.5490, 2.8880, 2.7280



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

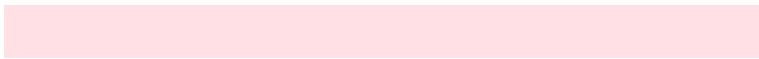
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1360, 11.7810, 12.2690



232.3860, 14.0730, 14.7850



234.4260, 16.5960, 7.6040



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Inverse Universe

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



236.1360, 11.7810, 12.2690



232.3860, 14.0730, 14.7850



245.4600, -16.2750, -7.9150



119.7990, 5.1800, 5.2440



70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 236.1360, 11.7810, 12.2690 looks on a white background.

Color Contrast Check

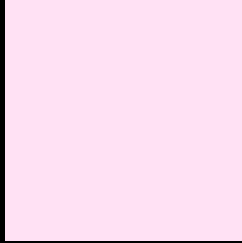
Large Text (above 18pt) WCAG AA × Fail

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 236.1360, 11.7810, 12.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

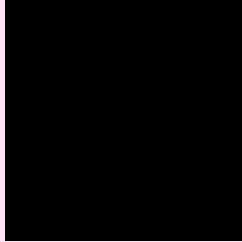
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 236.1360, 11.7810, 12.2690

Background



This preview shows how black text looks on a background with the YIQ color 236.1360, 11.7810, 12.2690.



This preview shows how white text looks on a background with the YIQ color 236.1360, 11.7810,

12.2690.

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

236.1360, 11.7810, 12.2690

Protanopia

234.1230, -4.5400, 5.1880

Deuteranopia

235.5270, 9.1220, 10.8980



Tritanopia

236.0220, 12.1020, 11.9580

Trichromacy



Original Color

236.1360, 11.7810, 12.2690

Protanomaly

234.6400, 1.3740, 8.1420

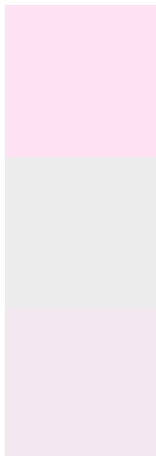
Deuteranomaly

235.8260, 9.7180, 11.1100

Tritanomaly

236.0220, 12.1020, 11.9580

Monochromacy



Original Color

236.1360, 11.7810, 12.2690

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1360, 11.7810, 12.2690 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(255, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 244)  
}
```

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(255, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 244) }
```

Border

The CSS property to change the border of an element to YIQ 236.1360, 11.7810, 12.2690 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(255, 225, 244) }
```


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

```
.border{ border-color:rgb(255, 225, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
244) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1360, 11.7810, 12.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 244) }
```

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

```
.background{ background-color: rgb(255,  
225, 244) }
```

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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