

Converting Colors

YIQ(235.9600, 14.6720, -1.5840)

Have a look what the booklet for
YIQ(235.9600, 14.6720, -1.5840)
contains.

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Color

**YIQ(235.9600, 14.6720,
-1.5840)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E9D9
RGB	249, 233, 217
RGB Percent	98%, 91%, 85%
CMY	0.0235, 0.0863, 0.1489
CMYK	0.00, 0.06, 0.13, 0.02
HSL	30°, 73%, 91%
HSV	30°, 13%, 98%
XYZ	80.7332, 83.4257, 77.5056
YIQ	235.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

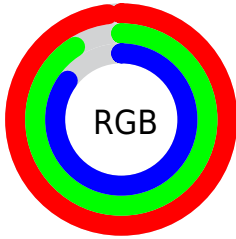
Format	Color
RYB	249, 249, 217
Decimal	16378329
CIELab	93.20, 2.83, 9.70
CIELCh	93, 10.106, 73.731
Yxy	83.4257, 0.3341, 0.3452
Android (android.graphics.Color)	4294568409 (0xFFFF9E9D9)
YUV	235.9600, -9.3473, 11.4361
Hunter-Lab	91.3377, -2.0652, 13.6252

Details

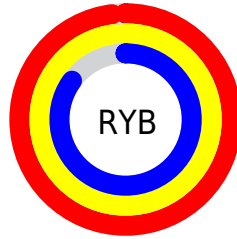
The YIQ color $235.9600, 14.6720, -1.5840$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.0400, -14.6720, 1.5840$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.7750, 13.7550, -1.4850$ is the 20% darker color. If you saturate the color by 10%, you get $226.0660, 25.9970, -3.0830$, and if you desaturate by 10%, it is $245.8540, 3.3470, -0.0850$.

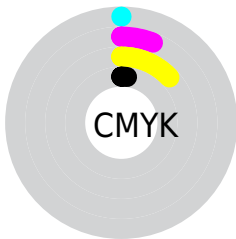
Distribution



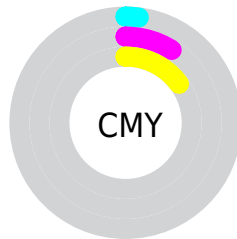
- Red (98%)
- Green (91%)
- Blue (85%)



- Red (98%)
- Yellow (98%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (2%)



- Cyan (2%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.9600, 14.6720, -1.5840 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 235.9600, 14.6720, -1.5840 by changing the saturation by 10% instead.

235.9600, 14.6720,
-1.5840

235.9600, 14.6720,
-1.5840

255.0000, -0.0000,
-0.0000

207.6610, 14.0760,
-1.7960

179.7750, 13.7550,
-1.4850

153.4760, 13.1590,
-1.6970

127.5900, 12.8380,
-1.3860

102.2910, 12.2420,
-1.5980

78.1060, 11.3250,
-1.4990

55.2200, 11.0040,

-1.1880

■ 33.7360, 9.4910,
-1.3010

■ 11.5620, 10.0410,
-0.2550

■ 235.9600, 14.6720,
-1.5840

■ 235.9600, 14.6720,
-1.5840

■ 226.0660, 25.9970,
-3.0830

■ 245.8540, 3.3470,
-0.0850

■ 215.5850, 37.5970,
-4.0590

■ 253.2060, -3.5760,
-1.2720

■ 205.6910, 48.9220,
-5.5580

■ 195.2100, 60.5220,
-6.5340

■ 185.4300, 71.5260,
-7.7220

■ 174.9490, 83.1260,
-8.6980

■ 165.0550, 94.4510,
-10.1970

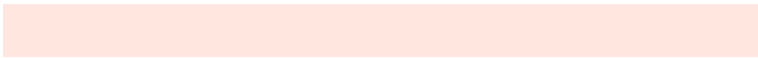
■ 154.5740,
106.0510, -11.1730

■ 147.2390,
114.3040, -12.0640

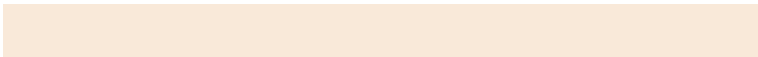
Harmonies

Analogous

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



236.5630, 17.4680, 2.8120



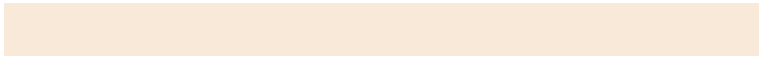
235.9600, 14.6720, -1.5840



234.7310, 7.8870, -5.2730

Triad

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



235.9600, 14.6720, -1.5840



232.2150, -16.9630, -6.4590



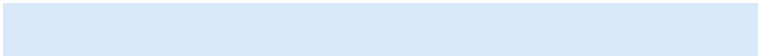
237.3410, 0.7780, 7.9300

Complementary

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



235.9600, 14.6720, -1.5840



230.0400, -14.6720, 1.5840

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.



235.9700, -8.4830, 5.0610



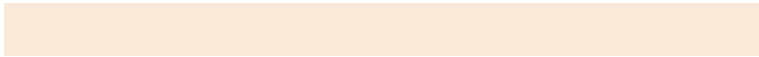
235.9600, 14.6720, -1.5840



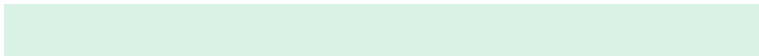
232.9530, -18.9810, -2.9250

Square

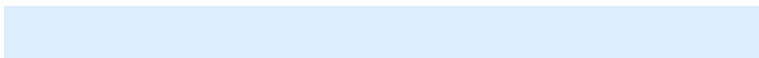
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



235.9600, 14.6720, -1.5840



232.8690, -10.1770, -8.2970



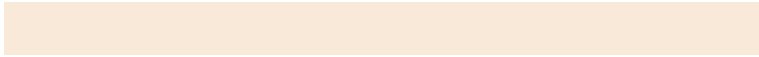
234.4420, -15.8640, 1.1600



237.8320, 9.5810, 8.0850

Rectangle

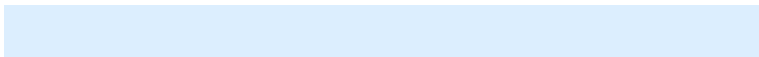
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.9600, 14.6720, -1.5840



233.7410, 1.9270, -7.3930



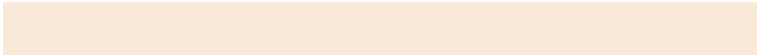
234.4420, -15.8640, 1.1600



236.9600, -2.5230, 7.1810

Sweetspot

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



235.9600, 14.6720, -1.5840



250.9250, 4.5850, -0.4950



228.5060, 13.6150, 12.0710



124.8540, 3.3470, -0.0850



0.0000, 0.0000, 0.0000



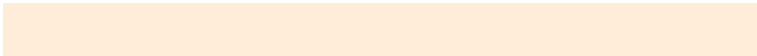
128.0000, -0.0000, -0.0000

Same Dimension

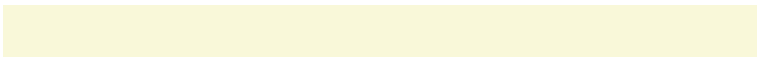
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9600, 14.6720, -1.5840



239.5150, 17.4230, -1.8810



244.7650, 10.5470, -9.4290



119.9960, 5.8230, -0.9050



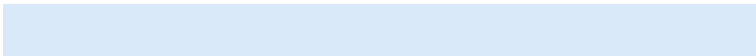
111.6890, 86.7940, -9.0940



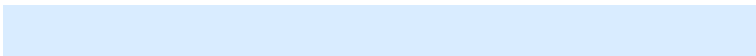
36.4360, 27.8310, -3.2810

Inverse Universe

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



230.0400, -14.6720, 1.5840



232.4850, -17.4230, 1.8810



221.2350, -10.5470, 9.4290



117.5910, -6.0980, 0.3820



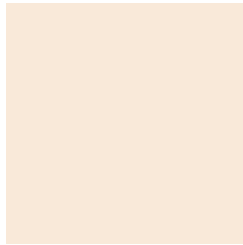
76.7240, -86.5190, 9.6170



25.1510, -28.1060, 2.7580

Previews

White Background



This preview shows how the YIQ color 235.9600, 14.6720, -1.5840 looks on a white background.

Color Contrast Check

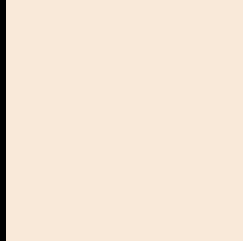
Large Text (above 18pt) WCAG AA × Fail

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 235.9600, 14.6720, -1.5840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

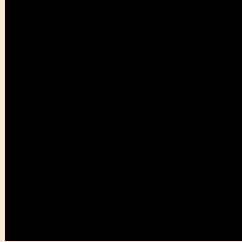
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.9600, 14.6720, -1.5840

Background



This preview shows how black text looks on a background with the YIQ color 235.9600, 14.6720, -1.5840.



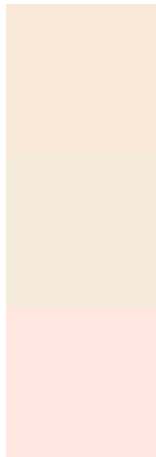
This preview shows how white text looks on a background with the YIQ color 235.9600, 14.6720,

-1.5840.

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

235.9600, 14.6720, -1.5840

Protanopia

235.7530, 10.8210, -3.3790

Deuteranopia

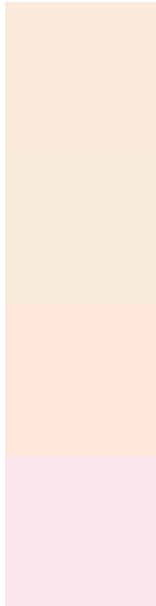
236.7910, 16.8260, 3.4340



Tritanopia

238.2280, 8.5260, 10.6860

Trichromacy



Original Color

235.9600, 14.6720, -1.5840

Protanomaly

235.7640, 12.2880, -2.4320

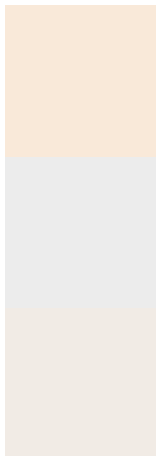
Deuteranomaly

236.4380, 16.3220, 1.5540

Tritanomaly

237.2620, 11.1860, 6.5300

Monochromacy



Original Color

235.9600, 14.6720, -1.5840

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.1100, 5.5020, -0.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.9600, 14.6720, -1.5840 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(249, 233, 217)` looks like.

```
.text, #text, p{  
    color:rgb(249, 233, 217)  
}
```

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(249, 233, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 233, 217) }
```

Border

The CSS property to change the border of an element to YIQ 235.9600, 14.6720, -1.5840 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(249, 233, 217) }
```


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

```
.border{ border-color:rgb(249, 233, 217) }
```

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

Here you see how a box with a 4 pixel rgb(249, 233, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 233, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 233, 217);  
box-shadow:4px 4px 4px 4px rgb(249, 233,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 235.9600, 14.6720, -1.5840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 233, 217) }
```

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

```
.background{ background-color: rgb(249,  
233, 217) }
```

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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