

Converting Colors

YIQ(240.1600, 19.2600,
-18.6600)

Have a look what the booklet for
YIQ(240.1600, 19.2600, -18.6600)
contains.

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Color

**YIQ(240.1600, 19.2600,
-18.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7BB
RGB	247, 247, 187
RGB Percent	97%, 97%, 73%
CMY	0.0314, 0.0313, 0.2665
CMYK	0.00, 0.00, 0.24, 0.03
HSL	60°, 79%, 85%
HSV	60°, 24%, 97%
XYZ	80.5881, 89.8831, 60.1330
YIQ	240.1600, 19.2600, -18.6600

Conversions

Conversions Part 2

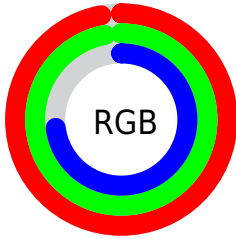
Format	Color
R_{YB}	187, 247, 187
Decimal	16250811
CIE _{Lab}	95.95, -9.30, 28.92
CIE _{LCh}	96, 30.382, 107.817
Yxy	89.8831, 0.3495, 0.3898
Android (android.graphics.Color)	4294440891 (0xFFFF7F7BB)
YUV	240.1600, -26.2079, 5.9987
Hunter-Lab	94.8067, -14.1821, 28.7588

Details

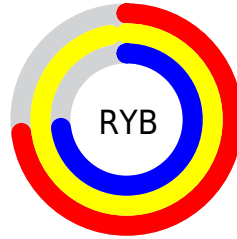
The YIQ color $240.1600, 19.2600, -18.6600$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $193.8400, -19.2600, 18.6600$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $184.0890, 18.0220, -18.2500$ is the 20% darker color. If you saturate the color by 10%, you get $237.3100, 27.2850, -26.4350$, and if you desaturate by 10%, it is $243.0100, 11.2350, -10.8850$.

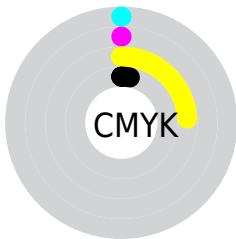
Distribution



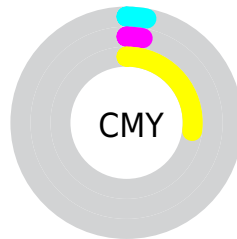
- Red (97%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (3%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.1600, 19.2600, -18.6600 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 240.1600, 19.2600, -18.6600 by changing the saturation by 10% instead.

240.1600, 19.2600,
-18.6600

240.1600, 19.2600,
-18.6600

255.0000, -0.0000,
-0.0000

211.9750, 18.3430,
-18.5610

253.6320, 3.8520,
-3.7320

184.0890, 18.0220,
-18.2500

157.3170, 17.3800,
-17.6280

130.5450, 16.7380,
-17.0060

105.3600, 15.8210,
-16.9070

81.1750, 14.9040,
-16.8080

57.4030, 14.2620,

-16.1860

■ 36.3150, 11.6940,
-13.6980

■ 16.1920, -0.9610,
-10.1210

■ 240.1600, 19.2600,
-18.6600

■ 240.1600, 19.2600,
-18.6600

■ 237.3100, 27.2850,
-26.4350

■ 243.0100, 11.2350,
-10.8850

■ 234.5740, 34.9890,
-33.8990

■ 245.7460, 3.5310,
-3.4210

■ 231.7240, 43.0140,
-41.6740

■ 247.9120, -2.5680,
2.4880

■ 228.8740, 51.0390,
-49.4490

■ 226.1380, 58.7430,
-56.9130

■ 223.2880, 66.7680,
-64.6880

■ 220.4380, 74.7930,
-72.4630

■ 218.8420, 79.2870,
-76.8170

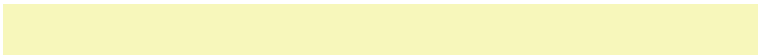
Harmonies

Analogous

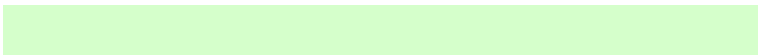
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.5680, 27.0990, -12.0450



240.1600, 19.2600, -18.6600



236.5140, -8.3400, -25.0760

Triad

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



240.1600, 19.2600, -18.6600



227.7910, -54.2360, -19.2920



236.2160, 8.8000, 16.7360

Complementary

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



240.1600, 19.2600, -18.6600



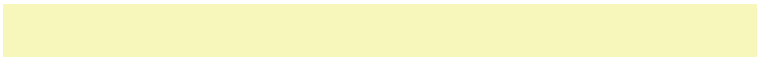
193.8400, -19.2600, 18.6600

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.



240.3250, 6.8750, 13.0750



240.1600, 19.2600, -18.6600



233.2280, -36.1730, -10.7410

Square

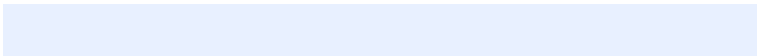
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



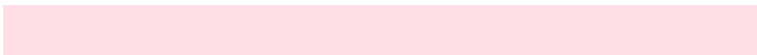
240.1600, 19.2600, -18.6600



226.8940, -56.0240, -19.9280



239.3180, -9.5830, 2.9690



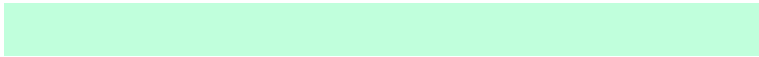
233.0240, 17.7880, 8.0280

Rectangle

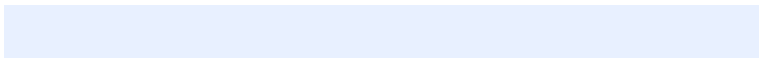
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.1600, 19.2600, -18.6600



232.1730, -26.3130, -24.2410



239.3180, -9.5830, 2.9690



237.3900, 8.2500, 15.6900

Sweetspot

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



240.1600, 19.2600, -18.6600



252.9480, 5.7780, -5.5980



204.9400, 35.7600, 12.7200



126.4470, 2.9350, -3.6330



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

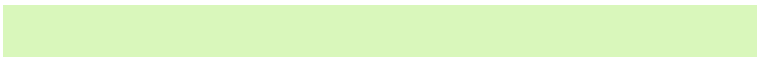
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.1600, 19.2600, -18.6600



246.5640, 23.7540, -23.0140



231.1900, 1.3800, -25.0200



120.6320, 3.8520, -3.7320



164.7960, 59.7060, -57.8460



52.2740, 18.9390, -18.3490

Inverse Universe

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



193.8400, -19.2600, 18.6600



189.4360, -23.7540, 23.0140



202.8100, -1.3800, 25.0200



111.3680, -3.8520, 3.7320



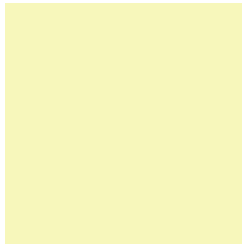
21.2040, -59.7060, 57.8460



6.7260, -18.9390, 18.3490

Previews

White Background



This preview shows how the YIQ color 240.1600, 19.2600, -18.6600 looks on a white background.

Color Contrast Check

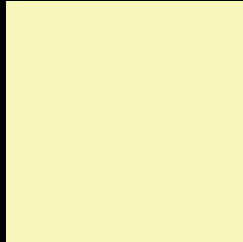
Large Text (above 18pt) WCAG AA × Fail

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 240.1600, 19.2600, -18.6600 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 240.1600, 19.2600, -18.6600

Background



This preview shows how black text looks on a background with the YIQ color 240.1600, 19.2600, -18.6600.



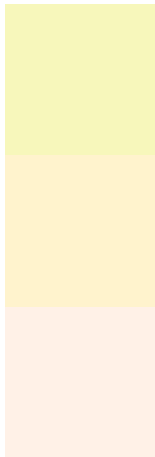
This preview shows how white text looks on a background with the YIQ color 240.1600, 19.2600, -18.6600.

-18.6600.

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

240.1600, 19.2600, -18.6600

Protanopia

242.2560, 19.3500, -9.2740

Deuteranopia

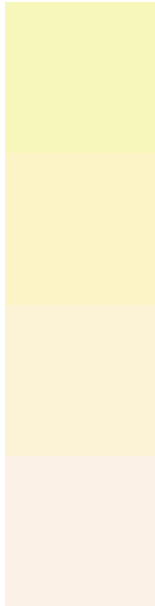
244.0460, 11.5540, -0.1420



Tritanopia

245.0210, 4.6750, 8.8910

Trichromacy



Original Color

240.1600, 19.2600, -18.6600

Protanomaly

241.1480, 19.5340, -12.6100

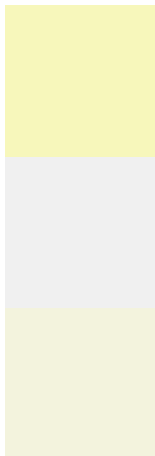
Deuteranomaly

242.4990, 14.3520, -6.8000

Tritanomaly

243.0350, 10.0870, -1.0890

Monochromacy



Original Color

240.1600, 19.2600, -18.6600

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.4920, 7.0620, -6.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.1600, 19.2600, -18.6600 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(247, 247, 187)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 187)  
}
```

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(247, 247, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 187) }
```

Border

The CSS property to change the border of an element to YIQ 240.1600, 19.2600, -18.6600 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(247, 247, 187) }
```


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

```
.border{ border-color:rgb(247, 247, 187) }
```

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

Here you see how a box with a 4 pixel rgb(247, 247, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 187);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 240.1600, 19.2600, -18.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 187) }
```

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

```
.background{ background-color: rgb(247,  
247, 187) }
```

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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