

Converting Colors

YIQ(187.1360, 34.7210,
-73.1110)

Have a look what the booklet for
YIQ(187.1360, 34.7210, -73.1110)
contains.

YIQ(187.1360, 34.7210, -73.1110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(187.1360, 34.7210,
-73.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE118
RGB	175, 225, 24
RGB Percent	69%, 88%, 9%
CMY	0.3140, 0.1175, 0.9055
CMYK	0.22, 0.00, 0.89, 0.12
HSL	75°, 81%, 49%
HSV	75°, 89%, 88%
XYZ	44.7616, 63.0345, 10.6759
YIQ	187.1360, 34.7210, -73.1110

Conversions

Conversions Part 2

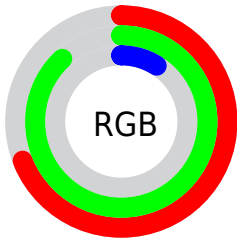
Format	Color
RYB	24, 225, 74
Decimal	11526424
CIELab	83.46, -39.70, 79.26
CIELCh	83, 88.646, 116.606
Yxy	63.0345, 0.3778, 0.5321
Android (android.graphics.Color)	4289716504 (0xFFAFE118)
YUV	187.1360, -80.4260, -10.6433
Hunter-Lab	79.3943, -38.3036, 47.6034

Details

The YIQ color **187.1360, 34.7210, -73.1110** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **61.8640, -34.7210, 73.1110**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7800, 39.4400, -54.0000**, and **134.7730, 22.9820, -64.1060** is the 20% darker color. If you saturate the color by 10%, you get **182.8340, 38.2070, -81.2250**, and if you desaturate by 10%, it is **191.5520, 30.9140, -64.6860**.

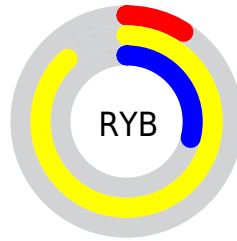
Distribution



Red (69%)

Green (88%)

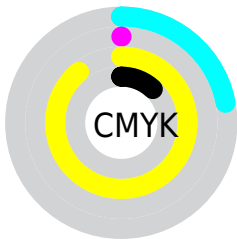
Blue (9%)



Red (9%)

Yellow (88%)

Blue (29%)

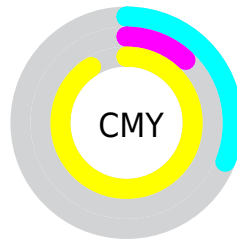


Cyan (22%)

Magenta (0%)

Yellow (89%)

Black (12%)



Cyan (31%)

Magenta (12%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.1360, 34.7210, -73.1110 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 187.1360, 34.7210, -73.1110 by changing the saturation by 10% instead.

■ 187.1360, 34.7210,
-73.1110

■ 187.1360, 34.7210,
-73.1110

■ 255.0000, -0.0000,
-0.0000

■ 159.2930, 32.8410,
-72.0790

■ 230.7800, 39.4400,
-54.0000

■ 134.7730, 22.9820,
-64.1060

■ 240.1800, 41.7300,
-40.4300

■ 110.2530, 13.1230,
-56.1330

■ 243.4860, 32.4210,
-31.4110

■ 86.3200, 2.9890,
-48.6830

■ 246.7920, 23.1120,
-22.3920

■ 61.4790, -10.4000,
-42.8160

■ 250.2120, 13.4820,
-13.0620

■ 39.9160, -18.7000,
-35.5640

■ 253.6320, 3.8520,

■ 26.4150, -12.3750,

-3.7320

-23.5350

■ 11.7400, -5.5000,
-10.4600

■ 0.0000, 0.0000,
0.0000

■ 187.1360, 34.7210,
-73.1110

■ 187.1360, 34.7210,
-73.1110

■ 182.8340, 38.2070,
-81.2250

■ 191.5520, 30.9140,
-64.6860

■ 182.6060, 38.8490,
-81.8470

■ 195.5550, 26.8320,
-56.7840

■ 199.9710, 23.0250,
-48.3590

■ 203.9740, 18.9430,
-40.4570

■ 208.3900, 15.1360,
-32.0320

■ 212.6920, 11.6500,
-23.9180

■ 216.8090, 7.2470,
-15.7050

■ 221.1110, 3.7610,
-7.5910

■ 225.2280, -0.6420,
0.6220

Harmonies

Analogous

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



194.2320, 96.7050, -51.0630



187.1360, 34.7210, -73.1110



157.6170, -91.4990, -87.3950

Triad

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



187.1360, 34.7210, -73.1110



169.3630, -147.5800, -45.6920



173.0530, 47.4890, 58.9850

Complementary

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



187.1360, 34.7210, -73.1110



61.8640, -34.7210, 73.1110

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.



193.3650, 28.8750, 54.9150



187.1360, 34.7210, -73.1110



158.7970, -142.6300, -36.2780

Square

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



187.1360, 34.7210, -73.1110



173.4720, -149.5050, -49.3530



196.2140, -23.2490, 19.3670



169.5750, 71.0610, 28.2530

Rectangle

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



187.1360, 34.7210, -73.1110



162.1520, -120.3860, -75.9860



196.2140, -23.2490, 19.3670



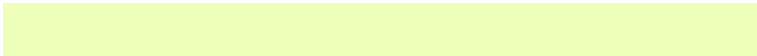
179.7670, 36.8510, 64.5550

Sweetspot

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



187.1360, 34.7210, -73.1110



242.0510, 12.0170, -25.0630



111.6880, 106.8710, 18.0310



120.0370, 6.6050, -15.0830



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.



187.1360, 34.7210, -73.1110



206.7940, 43.7110, -92.8730



158.1330, -23.0910, -93.6750



109.8490, 1.7430, -4.0570



142.7800, 30.2720, -64.0640



38.9400, 8.2560, -17.4720

Inverse Universe

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



61.8640, -34.7210, 73.1110



48.2060, -43.7110, 92.8730



90.8670, 23.0910, 93.6750



103.1510, -1.7430, 4.0570



33.2200, -30.2720, 64.0640



9.0600, -8.2560, 17.4720

Previews

White Background



This preview shows how the YIQ color 187.1360, 34.7210, -73.1110 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 187.1360, 34.7210, -73.1110 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 187.1360, 34.7210, -73.1110

Background



This preview shows how black text looks on a background with the YIQ color 187.1360, 34.7210, -73.1110.



This preview shows how white text looks on a background with the YIQ color 187.1360, 34.7210,

-73.1110.

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

187.1360, 34.7210, -73.1110

Protanopia

194.0000, 76.8070, -53.8890

Deuteranopia

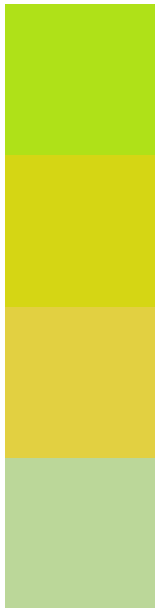
202.6170, 68.9610, -21.8150



Tritanopia

206.4530, -14.3970, 2.1070

Trichromacy



Original Color

187.1360, 34.7210, -73.1110

Protanomaly

191.5850, 61.6780, -60.5460

Deuteranomaly

197.0800, 56.6310, -40.6570

Tritanomaly

199.5600, 3.2140, -25.2180

Monochromacy



Original Color

187.1360, 34.7210, -73.1110

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2960, 12.7050, -26.5190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.1360, 34.7210, -73.1110 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(175, 225, 24)` looks like.

```
.text, #text, p{  
    color:rgb(175, 225, 24)  
}
```

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(175, 225, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 225, 24) }
```

Border

The CSS property to change the border of an element to YIQ 187.1360, 34.7210, -73.1110 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(175, 225, 24) }
```


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

```
.border{ border-color:rgb(175, 225, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 225, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 225, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 225, 24);  
box-shadow:4px 4px 4px 4px rgb(175, 225,  
24) }
```

Background

The CSS property to change the background color of an element to YIQ 187.1360, 34.7210, -73.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 225, 24) }
```

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

```
.background{ background-color: rgb(175,  
225, 24) }
```

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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