

Converting Colors

YIQ(188.2340, -17.9740, 6.3620)

Have a look what the booklet for
YIQ(188.2340, -17.9740, 6.3620)
contains.

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Color

**YIQ(188.2340, -17.9740,
6.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBDDB
RGB	175, 189, 219
RGB Percent	69%, 74%, 86%
CMY	0.3137, 0.2588, 0.1413
CMYK	0.20, 0.14, 0.00, 0.14
HSL	221°, 38%, 77%
HSV	221°, 20%, 86%
XYZ	48.6602, 50.6245, 74.2080
YIQ	188.2340, -17.9740, 6.3620

Conversions

Conversions Part 2

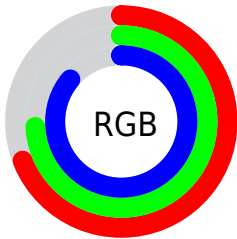
Format	Color
R _Y B	175, 186, 219
Decimal	11517403
CIE Lab	76.45, 1.49, -16.61
CIE LCh	76, 16.675, 275.140
Yxy	50.6245, 0.2805, 0.2918
Android (android.graphics.Color)	4289707483 (0xFFAFBDDDB)
YUV	188.2340, 15.1676, -11.6062
Hunter-Lab	71.1509, -2.4375, -12.0319

Details

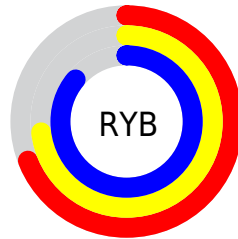
The YIQ color $188.2340, -17.9740, 6.3620$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $205.7660, 17.9740, -6.3620$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.9540, -11.5540, 0.1420$, and $135.0060, -17.3320, 5.7400$ is the 20% darker color. If you saturate the color by 10%, you get $172.8510, -26.9610, 9.5430$, and if you desaturate by 10%, it is $203.6170, -8.9870, 3.1810$.

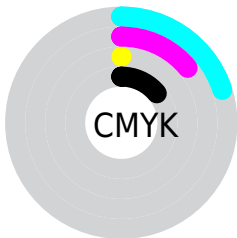
Distribution



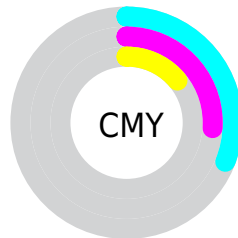
- Red (69%)
- Green (74%)
- Blue (86%)



- Red (69%)
- Yellow (73%)
- Blue (86%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.2340, -17.9740, 6.3620 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 188.2340, -17.9740, 6.3620 by changing the saturation by 10% instead.

■ 188.2340,
-17.9740, 6.3620

■ 188.2340,
-17.9740, 6.3620

■ 255.0000, -0.0000,
-0.0000

■ 161.1200,
-17.6530, 6.0510

■ 241.9540,
-11.5540, 0.1420

■ 135.0060,
-17.3320, 5.7400

■ 109.8920,
-17.0110, 5.4290

■ 84.7780, -16.6900,
5.1180

■ 61.6640, -16.3690,
4.8070

■ 39.1370, -16.3230,
3.9730

■ 17.7130, -18.0650,

2.5030

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 188.2340,
-17.9740, 6.3620

■ 188.2340,
-17.9740, 6.3620

■ 172.8510,
-26.9610, 9.5430

■ 203.6170, -8.9870,
3.1810

■ 157.4680,
-35.9480, 12.7240

■ 219.0000, 0.0000,
-0.0000

■ 142.0850,
-44.9350, 15.9050

■ 234.3830, 8.9870,
-3.1810

■ 126.7020,
-53.9220, 19.0860

■ 247.3740, 13.2060,
-8.0580

■ 111.6180,
-62.3130, 22.4790

■ 250.8960, 11.5560,
-11.1960

■ 96.2350, -71.3000,
25.6600

■ 81.4390, -80.5620,
28.3180

■ 66.0560, -89.5490,
31.4990

Harmonies

Analogous

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



185.4450, -29.1140, -1.0020



188.2340, -17.9740, 6.3620



190.7090, -3.0740, 11.6620

Triad

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



188.2340, -17.9740, 6.3620



190.4610, 26.6830, 6.5150



184.0380, -12.3310, -13.3150

Complementary

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



188.2340, -17.9740, 6.3620



205.7660, 17.9740, -6.3620

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.



185.9920, 2.4780, -11.8740



188.2340, -17.9740, 6.3620



189.1630, 24.3460, -0.6940

Square

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



188.2340, -17.9740, 6.3620



191.4700, 22.4640, 11.3920



187.5700, 15.5900, -7.2100



183.1490, -25.7650, -12.1410

Rectangle

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



188.2340, -17.9740, 6.3620



191.3250, 6.8750, 13.0750



187.5700, 15.5900, -7.2100



184.4900, -7.7920, -12.9760

Sweetspot

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



188.2340, -17.9740, 6.3620



244.6450, -6.1900, 2.0500



204.1340, -21.4090, -13.9930



121.2000, -3.4390, 1.7530



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.



188.2340, -17.9740, 6.3620



212.1070, -24.8060, 9.0340



182.1090, -9.9520, 15.1680



102.0150, -4.3560, 1.8520



52.0070, -70.6580, 25.0380



14.0490, -18.8910, 6.4610

Inverse Universe

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



189.7520, 21.7300, 13.6820



214.4050, 30.2570, 18.8410



211.8910, 9.9520, -15.1680



102.6310, 5.5930, 3.2650



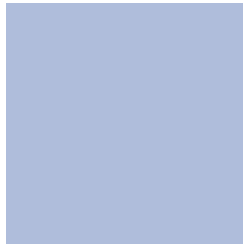
57.9970, 85.4530, 53.7810



15.4640, 22.6010, 14.4170

Previews

White Background



This preview shows how the YIQ color 188.2340, -17.9740, 6.3620 looks on a white background.

Color Contrast Check

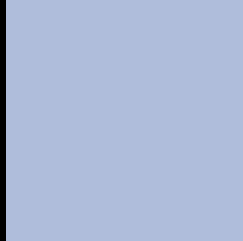
Large Text (above 18pt) WCAG AA × Fail

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 188.2340, -17.9740, 6.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

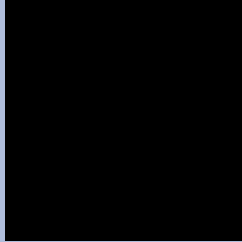
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.2340, -17.9740, 6.3620

Background



This preview shows how black text looks on a background with the YIQ color 188.2340, -17.9740, 6.3620.



This preview shows how white text looks on a background with the YIQ color 188.2340, -17.9740,

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

188.2340, -17.9740, 6.3620

Protanopia

189.3380, -12.3350, 8.7930

Deuteranopia

190.1970, -7.3840, 12.6800



Tritanopia

187.3280, -15.5430, 0.8490

Trichromacy



Original Color

188.2340, -17.9740, 6.3620

Protanomaly

189.0280, -14.3980, 7.6340

Deuteranomaly

189.5770, -11.5100, 10.3620

Tritanomaly

187.6100, -16.2770, 3.1390

Monochromacy



Original Color

188.2340, -17.9740, 6.3620

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.7590, -6.5110, 2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.2340, -17.9740, 6.3620 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, 189, 219)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 219)  
}
```

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, 189, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 219) }
```

Border

The CSS property to change the border of an element to YIQ 188.2340, -17.9740, 6.3620 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, 189, 219) }
```


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

```
.border{ border-color:rgb(175, 189, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 219);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 188.2340, -17.9740, 6.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 219) }
```

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

```
.background{ background-color: rgb(175,  
189, 219) }
```

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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