

Converting Colors

YIQ(187.8010, -14.3560,
28.9080)

Have a look what the booklet for
YIQ(187.8010, -14.3560, 28.9080)
contains.

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Color

**YIQ(187.8010, -14.3560,
28.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	C0ADFD
RGB	192, 173, 253
RGB Percent	75%, 68%, 99%
CMY	0.2470, 0.3216, 0.0080
CMYK	0.24, 0.32, 0.00, 0.01
HSL	254°, 95%, 84%
HSV	254°, 32%, 99%
XYZ	54.4112, 48.1837, 99.3358
YIQ	187.8010, -14.3560, 28.9080

Conversions

Conversions Part 2

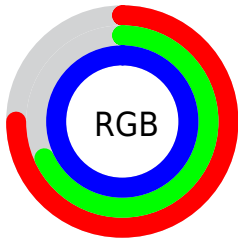
Format	Color
R_{YB}	192, 173, 253
Decimal	12627453
CIE Lab	74.94, 23.18, -37.18
CIE LCh	75, 43.814, 301.940
Yxy	48.1837, 0.2695, 0.2386
Android (android.graphics.Color)	4290817533 (0xFFC0ADFD)
YUV	187.8010, 32.1431, 3.6825
Hunter-Lab	69.4145, 18.4436, -36.2570

Details

The YIQ color $187.8010, -14.3560, 28.9080$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $238.1990, 14.3560, -28.9080$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9440, 3.5740, 12.3260$, and $134.3340, -14.5390, 26.7170$ is the 20% darker color. If you saturate the color by 10%, you get $167.4450, -18.8050, 37.9550$, and if you desaturate by 10%, it is $208.1570, -9.9070, 19.8610$.

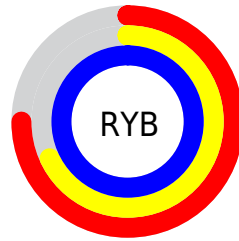
Distribution



Red (75%)

Green (68%)

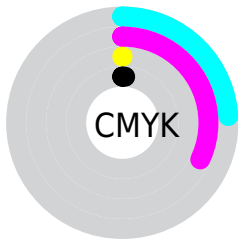
Blue (99%)



Red (75%)

Yellow (68%)

Blue (99%)

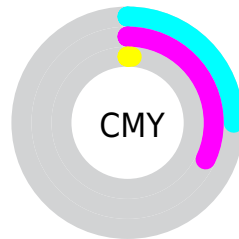


Cyan (24%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8010, -14.3560, 28.9080 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 187.8010, -14.3560, 28.9080 by changing the saturation by 10% instead.

■ 187.8010,
-14.3560, 28.9080

■ 187.8010,
-14.3560, 28.9080

■ 255.0000, -0.0000,
-0.0000

■ 160.2740,
-14.3100, 28.0740

■ 237.9440, 3.5740,
12.3260

■ 134.3340,
-14.5390, 26.7170

■ 108.5080,
-15.0890, 25.6710

■ 83.5680, -15.3180,
24.3140

■ 59.6280, -15.5470,
22.9570

■ 36.6770, -17.2430,
20.6530

■ 12.0570, -21.3690,

18.3350

■ 6.1900, -14.6740,
12.6380

■ 3.0950, -7.3370,
6.3190

■ 187.8010,
-14.3560, 28.9080

■ 187.8010,
-14.3560, 28.9080

■ 167.4450,
-18.8050, 37.9550

■ 208.1570, -9.9070,
19.8610

■ 146.2030,
-23.5750, 47.3130

■ 229.3990, -5.1370,
10.5030

■ 125.8470,
-28.0240, 56.3600

■ 249.7550, -0.6880,
1.4560

■ 105.4910,
-32.4730, 65.4070

254.7720, 0.6420,
-0.6220

■ 85.1350, -36.9220,
74.4540

■ 63.8930, -41.6920,
83.8120

■ 46.7820, -45.4530,
91.4030

Harmonies

Analogous

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



177.3990, -57.8630, 7.9050



187.8010, -14.3560, 28.9080



189.6180, 25.9440, 36.4400

Triad

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



187.8010, -14.3560, 28.9080



184.2580, 60.5670, -1.8410



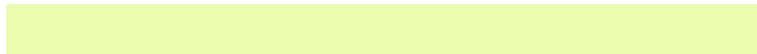
156.7770, -87.1520, -39.5040

Complementary

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



187.8010, -14.3560, 28.9080



238.1990, 14.3560, -28.9080

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.



169.7880, -32.9590, -35.9590



187.8010, -14.3560, 28.9080



181.3550, 40.5800, -19.5800

Square

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



187.8010, -14.3560, 28.9080



184.8200, 62.5810, 16.7330



177.0950, 8.7170, -31.3390



146.0990, -128.9210, -36.9290

Rectangle

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



187.8010, -14.3560, 28.9080



188.5140, 46.6680, 35.3080



177.0950, 8.7170, -31.3390



162.3680, -66.8870, -37.8230

Sweetspot

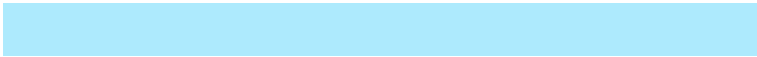
The Sweet Spot groups the original color and five complimentary colors.



187.8010, -14.3560, 28.9080



236.4160, -3.8070, 8.4250



217.9270, -42.4550, -7.0230



115.9060, -2.4310, 5.5130



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.



187.8010, -14.3560, 28.9080



175.9350, -17.4290, 35.0430



199.7610, 9.4840, 37.3880



117.3790, -2.3850, 4.6790



35.5280, -33.8950, 69.1530



11.7810, -11.6040, 23.0840

Inverse Universe

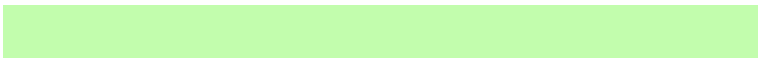
The Inverse Universe completely reimagines the original color for something new.



203.8740, 28.0990, 35.9310



195.4390, 34.0580, 43.5780



226.2390, -9.4840, -37.3880



119.9130, 4.8590, 5.5550



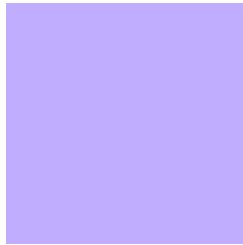
73.7530, 66.9700, 85.8980



24.7220, 22.4150, 28.8070

Previews

White Background



This preview shows how the YIQ color 187.8010, -14.3560, 28.9080 looks on a white background.

Color Contrast Check

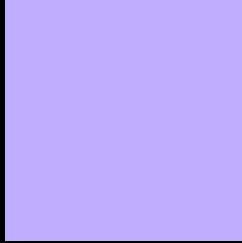
Large Text (above 18pt) WCAG AA × Fail

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 187.8010, -14.3560, 28.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

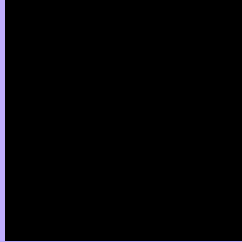
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8010, -14.3560, 28.9080

Background



This preview shows how black text looks on a background with the YIQ color 187.8010, -14.3560, 28.9080.



This preview shows how white text looks on a background with the YIQ color 187.8010, -14.3560,

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

187.8010, -14.3560, 28.9080

Protanopia

184.3420, -35.3530, 18.4630

Deuteranopia

184.7830, -32.2810, 17.8550



Tritanopia

184.9980, -5.6860, 3.9300

Trichromacy



Original Color

187.8010, -14.3560, 28.9080

Protanomaly

185.7560, -27.6510, 22.0530

Deuteranomaly

186.1260, -25.8170, 21.8550

Tritanomaly

186.1260, -8.6220, 13.0900

Monochromacy



Original Color

187.8010, -14.3560, 28.9080

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.1000, -5.7330, 10.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8010, -14.3560, 28.9080 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(192, 173, 253)` looks like.

```
.text, #text, p{  
    color:rgb(192, 173, 253)  
}
```

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(192, 173, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 173, 253) }
```

Border

The CSS property to change the border of an element to YIQ 187.8010, -14.3560, 28.9080 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(192, 173, 253) }
```


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

```
.border{ border-color:rgb(192, 173, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 173, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 173, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 173, 253);  
box-shadow:4px 4px 4px 4px rgb(192, 173,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8010, -14.3560, 28.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 173, 253) }
```

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

```
.background{ background-color: rgb(192,  
173, 253) }
```

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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