

Converting Colors

YIQ(178.8590, -12.2440,
12.6520)

Have a look what the booklet for
YIQ(178.8590, -12.2440, 12.6520)
contains.

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Color

**YIQ(178.8590, -12.2440,
12.6520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AFAED6 |
| RGB | 175, 174, 214 |
| RGB Percent | 69%, 68%, 84% |
| CMY | 0.3137, 0.3176, 0.1609 |
| CMYK | 0.18, 0.19, 0.00, 0.16 |
| HSL | 242°, 33%, 76% |
| HSV | 242°, 19%, 84% |
| XYZ | 44.9518, 44.2408, 69.7748 |
| YIQ | 178.8590, -12.2440, 12.6520 |

Conversions

Conversions Part 2

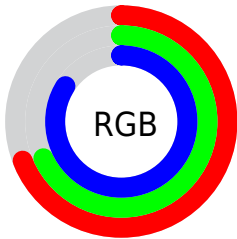
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 175, 174, 214 |
| Decimal | 11513558 |
| CIE Lab | 72.39, 8.57, -20.03 |
| CIE LCh | 72, 21.790, 293.163 |
| Yxy | 44.2408, 0.2828, 0.2783 |
| Android (android.graphics.Color) | 4289703638 (0xFFAFAED6) |
| YUV | 178.8590, 17.3245, -3.3843 |
| Hunter-Lab | 66.5137, 4.2361, -15.6373 |

Details

The YIQ color $178.8590, -12.2440, 12.6520$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $209.1410, 12.2440, -12.6520$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $232.5620, -7.1540, 8.5100$, and $126.2180, -11.8770, 11.5070$ is the 20% darker color. If you saturate the color by 10%, you get $160.2530, -18.9850, 19.1830$, and if you desaturate by 10%, it is $197.4650, -5.5030, 6.1210$.

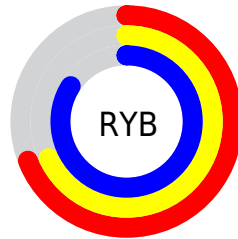
Distribution



Red (69%)

Green (68%)

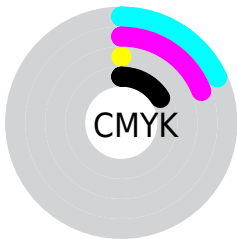
Blue (84%)



Red (69%)

Yellow (68%)

Blue (84%)

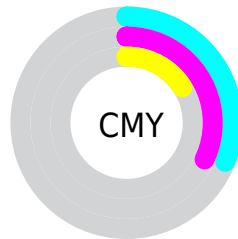


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (31%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.8590, -12.2440, 12.6520 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 178.8590, -12.2440, 12.6520 by changing the saturation by 10% instead.

■ 178.8590,
-12.2440, 12.6520

■ 178.8590,
-12.2440, 12.6520

■ 255.0000, -0.0000,
-0.0000

■ 151.7450,
-11.9230, 12.3410

■ 232.5620, -7.1540,
8.5100

■ 126.2180,
-11.8770, 11.5070

■ 101.1040,
-11.5560, 11.1960

■ 76.6910, -11.8310,
10.6730

■ 54.0500, -11.4640,
9.5280

■ 32.2240, -12.0140,
8.4820

■ 8.1750, -10.3180,

10.7860

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 178.8590,
-12.2440, 12.6520

■ 178.8590,
-12.2440, 12.6520

■ 160.2530,
-18.9850, 19.1830

■ 197.4650, -5.5030,
6.1210

■ 141.0600,
-25.4510, 26.2370

■ 216.6580, 0.9630,
-0.9330

■ 122.4540,
-32.1920, 32.7680

■ 235.2640, 7.7040,
-7.4640

■ 103.5600,
-38.0620, 40.0340

■ 250.3260, 13.1610,
-12.7510

■ 84.9540, -44.8030,
46.5650

■ 66.3480, -51.5440,
53.0960

■ 47.1550, -58.0100,
60.1500

■ 28.5490, -64.7510,
66.6810

■ 25.8910, -65.7140,
67.6140

Harmonies

Analogous

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



175.2370, -31.2240, 4.2000



178.8590, -12.2440, 12.6520



181.1450, 7.5620, 17.1460

Triad

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



178.8590, -12.2440, 12.6520



178.6480, 33.2860, 2.4860



170.3180, -27.9190, -17.1590

Complementary

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



178.8590, -12.2440, 12.6520



209.1410, 12.2440, -12.6520

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.



172.3710, -9.0750, -17.2590



178.8590, -12.2440, 12.6520



177.3600, 24.9890, -6.8430

Square

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



178.8590, -12.2440, 12.6520



180.3310, 33.1010, 11.3490



174.9450, 9.8600, -13.5000



169.3090, -40.8950, -13.2710

Rectangle

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



178.8590, -12.2440, 12.6520



181.3050, 18.7950, 17.3150



174.9450, 9.8600, -13.5000



170.7270, -21.8210, -17.5410

Sweetspot

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



178.8590, -12.2440, 12.6520



241.7100, -4.8150, 4.6650



201.4530, -23.5650, -7.9570



120.0260, -2.8890, 2.7990



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.



178.8590, -12.2440, 12.6520



205.6830, -17.3800, 17.6280



184.8390, -0.3240, 16.8920



97.5530, -2.9350, 3.6330



20.6900, -52.5070, 54.0290



5.2010, -13.2070, 13.5850

Inverse Universe

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



190.4060, 11.3210, 20.6090



222.0140, 15.7210, 28.9770



203.1610, 0.3240, -16.8920



100.5430, 3.0250, 5.7530



70.1670, 48.3090, 88.1890



17.6450, 12.1460, 22.1780

Previews

White Background



This preview shows how the YIQ color 178.8590, -12.2440, 12.6520 looks on a white background.

Color Contrast Check

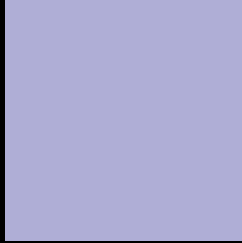
Large Text (above 18pt) WCAG AA × Fail

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 178.8590, -12.2440, 12.6520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

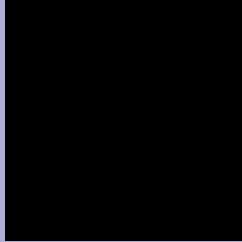
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.8590, -12.2440, 12.6520

Background



This preview shows how black text looks on a background with the YIQ color 178.8590, -12.2440, 12.6520.



This preview shows how white text looks on a background with the YIQ color 178.8590, -12.2440, 12.6520.

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

178.8590, -12.2440, 12.6520

Protanopia

178.3530, -16.6910, 10.6450

Deuteranopia

179.1580, -11.6480, 12.8640



Tritanopia

177.5030, -8.6660, 2.8700

Trichromacy



Original Color

178.8590, -12.2440, 12.6520

Protanomaly

178.3640, -15.2240, 11.5920

Deuteranomaly

179.1580, -11.6480, 12.8640

Tritanomaly

178.1270, -10.3630, 6.0930

Monochromacy



Original Color

178.8590, -12.2440, 12.6520

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0090, -4.2190, 4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.8590, -12.2440, 12.6520 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, 174, 214)` looks like.

```
.text, #text, p{  
    color:rgb(175, 174, 214)  
}
```

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, 174, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 174, 214) }
```

Border

The CSS property to change the border of an element to YIQ 178.8590, -12.2440, 12.6520 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, 174, 214) }
```


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

```
.border{ border-color:rgb(175, 174, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 174, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 174, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 174, 214);  
box-shadow:4px 4px 4px 4px rgb(175, 174,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 178.8590, -12.2440, 12.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 174, 214) }
```

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

```
.background{ background-color: rgb(175,  
174, 214) }
```

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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