

Converting Colors

YIQ(147.2460, 17.2830, 11.6750)

Have a look what the booklet for
YIQ(147.2460, 17.2830, 11.6750)
contains.

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Color

**YIQ(147.2460, 17.2830,
11.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8794
RGB	171, 135, 148
RGB Percent	67%, 53%, 58%
CMY	0.3293, 0.4706, 0.4195
CMYK	0.00, 0.21, 0.13, 0.33
HSL	338°, 18%, 60%
HSV	338°, 21%, 67%
XYZ	30.8081, 28.1229, 31.8277
YIQ	147.2460, 17.2830, 11.6750

Conversions

Conversions Part 2

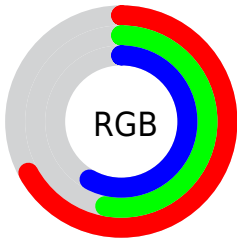
Format	Color
RYB	171, 135, 148
Decimal	11241364
CIELab	60.00, 15.88, -1.70
CIELCh	60, 15.968, 353.892
Yxy	28.1229, 0.3395, 0.3099
Android (android.graphics.Color)	4289431444 (0xFFAB8794)
YUV	147.2460, 0.3717, 20.8323
Hunter-Lab	53.0311, 10.8944, 1.5376

Details

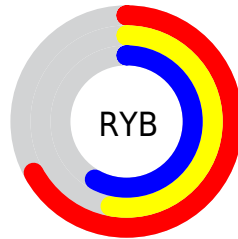
The YIQ color **147.2460, 17.2830, 11.6750** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158.7540, -17.2830, -11.6750**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2570, 18.7500, 12.6220**, and **96.2350, 15.8160, 10.7280** is the 20% darker color. If you saturate the color by 10%, you get **136.0130, 25.4890, 17.1450**, and if you desaturate by 10%, it is **158.4790, 9.0770, 6.2050**.

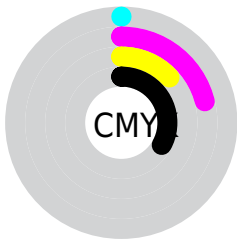
Distribution



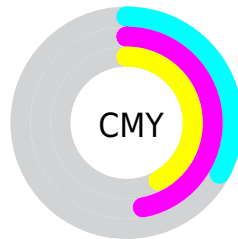
- Red (67%)
- Green (53%)
- Blue (58%)



- Red (67%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 147.2460, 17.2830, 11.6750 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 147.2460, 17.2830, 11.6750 by changing the saturation by 10% instead.


 147.2460, 17.2830,
11.6750


 147.2460, 17.2830,
11.6750


255.0000, -0.0000,
-0.0000


 121.5340, 16.4120,
10.9400


 201.2570, 18.7500,
12.6220


 96.2350, 15.8160,
10.7280


 229.2570, 18.7500,
12.6220

 72.6370, 14.6240,
10.3040

 249.1300, 2.7500,
5.2300

 49.3380, 14.0280,
10.0920

 27.7400, 12.8360,
9.6680

 9.2410, 15.6790,
7.7030

 0.0000, 0.0000,

0.0000

■ 147.2460, 17.2830,
11.6750

■ 147.2460, 17.2830,
11.6750

■ 136.0130, 25.4890,
17.1450

■ 158.4790, 9.0770,
6.2050

■ 124.7800, 33.6950,
22.6150

■ 169.7120, 0.8710,
0.7350

■ 113.5470, 41.9010,
28.0850

■ 180.9450, -7.3350,
-4.7350

■ 102.3140, 50.1070,
33.5550

■ 192.1780,
-15.5410, -10.2050

■ 90.4940, 58.5880,
39.5480

■ 203.9980,
-24.0220, -16.1980

■ 79.2610, 66.7940,
45.0180

■ 215.2310,
-32.2280, -21.6680

■ 68.1420, 74.6790,
50.7990

■ 226.3500,
-40.1130, -27.4490

■ 58.1970, 82.0140,
55.5340

■ 227.6040,
-43.6440, -24.0280

■ 228.8580,
-47.1750, -20.6070

Harmonies

Analogous

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



147.2000, 5.7290, 11.8170



147.2460, 17.2830, 11.6750



146.5470, 23.5650, 7.9570

Triad

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



147.2460, 17.2830, 11.6750



142.6120, 6.6040, -9.5560



140.2770, -28.7010, -2.9810

Complementary

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



147.2460, 17.2830, 11.6750



158.7540, -17.2830, -11.6750

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.



139.4740, -28.0580, -9.1300



147.2460, 17.2830, 11.6750



141.2020, -6.9210, -12.2410

Square

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



147.2460, 17.2830, 11.6750



144.5210, 17.2860, -4.9060



139.9710, -19.3920, -12.0000



143.2720, -21.1370, 3.1110

Rectangle

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



147.2460, 17.2830, 11.6750



146.2110, 24.3910, 3.9990



139.9710, -19.3920, -12.0000



139.6250, -29.8010, -5.0730

Sweetspot

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



147.2460, 17.2830, 11.6750



213.3430, 6.4640, 4.0000



145.9810, 2.1520, 16.0720



106.7340, 3.8050, 2.6290



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



147.2460, 17.2830, 11.6750



185.0240, 26.9560, 18.0920



148.6990, 20.0810, 5.0170



81.0330, 4.4010, 2.8410



51.0060, 72.0660, 48.5940



7.7890, 11.1400, 7.3640

Inverse Universe

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



147.2460, 17.2830, 11.6750



185.0240, 26.9560, 18.0920



157.3010, -20.0810, -5.0170



81.0330, 4.4010, 2.8410



51.0060, 72.0660, 48.5940



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 147.2460, 17.2830, 11.6750 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 147.2460, 17.2830, 11.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

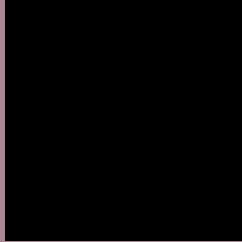
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.2460, 17.2830, 11.6750

Background



This preview shows how black text looks on a background with the YIQ color 147.2460, 17.2830, 11.6750.



This preview shows how white text looks on a background with the YIQ color 147.2460, 17.2830,

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

147.2460, 17.2830, 11.6750

Protanopia

145.3250, -2.2930, 3.0110

Deuteranopia

146.1800, 8.4810, 5.9930



Tritanopia

147.0180, 17.9250, 11.0530

Trichromacy



Original Color

147.2460, 17.2830, 11.6750

Protanomaly

146.0270, 4.5380, 5.8660

Deuteranomaly

146.5010, 12.0110, 8.0990

Tritanomaly

147.1320, 17.6040, 11.3640

Monochromacy



Original Color

147.2460, 17.2830, 11.6750

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.3430, 6.4640, 4.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.2460, 17.2830, 11.6750 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(171, 135, 148)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 148)  
}
```

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(171, 135, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 148) }
```

Border

The CSS property to change the border of an element to YIQ 147.2460, 17.2830, 11.6750 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(171, 135, 148) }
```


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

```
.border{ border-color:rgb(171, 135, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 148);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 147.2460, 17.2830, 11.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 148) }
```

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

```
.background{ background-color: rgb(171,  
135, 148) }
```

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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