

Converting Colors

YIQ(117.2530, 33.7410, 21.7810)

Have a look what the booklet for
YIQ(117.2530, 33.7410, 21.7810)
contains.

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Color

**YIQ(117.2530, 33.7410,
21.7810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A35E75 |
| RGB | 163, 94, 117 |
| RGB Percent | 64%, 37%, 46% |
| CMY | 0.3606, 0.6315, 0.5411 |
| CMYK | 0.00, 0.42, 0.28, 0.36 |
| HSL | 340°, 27%, 50% |
| HSV | 340°, 42%, 64% |
| XYZ | 22.3263, 17.0766, 18.9581 |
| YIQ | 117.2530, 33.7410, 21.7810 |

Conversions

Conversions Part 2

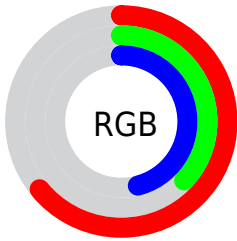
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 163, 94, 117 |
| Decimal | 10706549 |
| CIE _{Lab} | 48.36, 31.11, -0.72 |
| CIE _{LCh} | 48, 31.115, 358.673 |
| Yxy | 17.0766, 0.3826, 0.2926 |
| Android (android.graphics.Color) | 4288896629 (0xFFA35E75) |
| YUV | 117.2530, -0.1247, 40.1201 |
| Hunter-Lab | 41.3239, 24.1226, 1.7263 |

Details

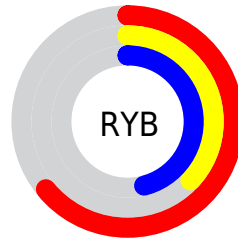
The YIQ color **117.2530, 33.7410, 21.7810** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.7470, -33.7410, -21.7810**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4490, 36.1250, 22.6290**, and **66.8720, 30.4400, 21.0320** is the 20% darker color. If you saturate the color by 10%, you get **106.6070, 41.6720, 26.7280**, and if you desaturate by 10%, it is **127.8990, 25.8100, 16.8340**.

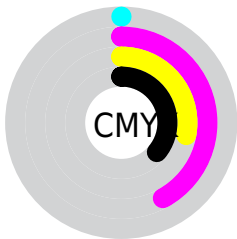
Distribution



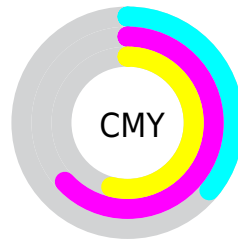
- Red (64%)
- Green (37%)
- Blue (46%)



- Red (64%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (42%)
- Yellow (28%)
- Black (36%)



- Cyan (36%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2530, 33.7410, 21.7810 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 117.2530, 33.7410, 21.7810 by changing the saturation by 10% instead.

■ 117.2530, 33.7410,
21.7810

■ 117.2530, 33.7410,
21.7810

■ 255.0000, -0.0000,
-0.0000

■ 91.6550, 32.5490,
21.3570

■ 170.7480, 36.7210,
22.8410

■ 66.8720, 30.4400,
21.0320

■ 198.3460, 37.9130,
23.2650

■ 42.5020, 28.6060,
21.2300

■ 219.1810, 25.0760,
19.1240

■ 20.3060, 26.2220,
20.3820

■ 239.5100, 7.7920,
12.9760

■ 11.4760, 22.3270,
8.3670

■ 0.0000, 0.0000,
0.0000

■ 117.2530, 33.7410,
21.7810

■ 117.2530, 33.7410,
21.7810

■ 106.6070, 41.6720,
26.7280

■ 127.8990, 25.8100,
16.8340

■ 95.3740, 49.8780,
32.1980

■ 139.1320, 17.6040,
11.3640

■ 84.7280, 57.8090,
37.1450

■ 149.7780, 9.6730,
6.4170

■ 74.1960, 65.4190,
42.4030

■ 160.3100, 2.0630,
1.1590

■ 62.9630, 73.6250,
47.8730

■ 170.9560, -5.8680,
-3.7880


■ 54.8930, 79.8140,
51.3500

■ 182.1890,
-14.0740, -9.2580

■ 192.8350,
-22.0050, -14.2050

■ 203.4810,

-29.9360, -19.1520

 214.7140,
-38.1420, -24.6220

Harmonies

Analogous

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



118.3680, 14.4840, 23.8600



117.2530, 33.7410, 21.7810



116.0610, 42.7290, 13.0730

Triad

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



117.2530, 33.7410, 21.7810



110.4730, 8.0730, -19.6630



91.8000, -84.8180, -15.7140

Complementary

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



117.2530, 33.7410, 21.7810



139.7470, -33.7410, -21.7810

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.



90.9820, -79.8190, -23.7150



117.2530, 33.7410, 21.7810



106.0060, -18.4730, -23.1530

Square

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



117.2530, 33.7410, 21.7810



113.1660, 28.2910, -11.6210



98.1730, -52.6760, -25.5400



109.8320, -43.1450, 5.4870

Rectangle

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



117.2530, 33.7410, 21.7810



115.1930, 41.9970, 4.3090



98.1730, -52.6760, -25.5400



91.5180, -84.0840, -18.0040

Sweetspot

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



117.2530, 33.7410, 21.7810



193.3980, 13.7990, 8.7350



115.3210, 4.6710, 30.9990



95.7670, 8.2060, 5.4700



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



117.2530, 33.7410, 21.7810



140.3960, 52.8120, 34.0920



120.5010, 38.3740, 9.3980



76.0330, 4.4010, 2.8410



48.9410, 70.6910, 45.9790



6.0660, 8.8020, 5.6820

Inverse Universe

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



117.2530, 33.7410, 21.7810



140.3960, 52.8120, 34.0920



136.4990, -38.3740, -9.3980



76.0330, 4.4010, 2.8410



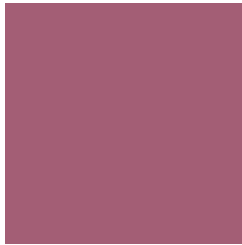
48.9410, 70.6910, 45.9790



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 117.2530, 33.7410, 21.7810 looks on a white background.

Color Contrast Check

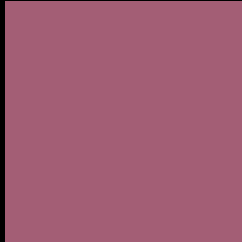
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 117.2530, 33.7410, 21.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

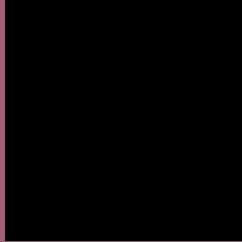
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.2530, 33.7410, 21.7810

Background



This preview shows how black text looks on a background with the YIQ color 117.2530, 33.7410, 21.7810.



This preview shows how white text looks on a background with the YIQ color 117.2530, 33.7410,

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

117.2530, 33.7410, 21.7810

Protanopia

115.4110, -5.4110, 4.4530

Deuteranopia

116.7130, 8.2980, 3.8020



Tritanopia

116.6460, 36.7680, 16.4800

Trichromacy



Original Color

117.2530, 33.7410, 21.7810

Protanomaly

116.2280, 8.5260, 10.6860

Deuteranomaly

116.6050, 17.6500, 10.5300

Tritanomaly

116.6290, 35.4380, 18.5580

Monochromacy



Original Color

117.2530, 33.7410, 21.7810

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.3870, 12.3320, 7.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2530, 33.7410, 21.7810 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(163, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(163, 94, 117)  
}
```

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(163, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 94, 117) }
```

Border

The CSS property to change the border of an element to YIQ 117.2530, 33.7410, 21.7810 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(163, 94, 117) }
```


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

```
.border{ border-color:rgb(163, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 94, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 94, 117);  
box-shadow:4px 4px 4px 4px rgb(163, 94,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2530, 33.7410, 21.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 94, 117) }
```

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

```
.background{ background-color: rgb(163, 94,  
117) }
```

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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