

Converting Colors

YIQ(117.8510, 34.9330, 22.2050)

Have a look what the booklet for
YIQ(117.8510, 34.9330, 22.2050)
contains.

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Color

**YIQ(117.8510, 34.9330,
22.2050)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A55E75 |
| RGB | 165, 94, 117 |
| RGB Percent | 65%, 37%, 46% |
| CMY | 0.3528, 0.6315, 0.5411 |
| CMYK | 0.00, 0.43, 0.29, 0.35 |
| HSL | 341°, 28%, 51% |
| HSV | 341°, 43%, 65% |
| XYZ | 22.7395, 17.2895, 18.9778 |
| YIQ | 117.8510, 34.9330, 22.2050 |

Conversions

Conversions Part 2

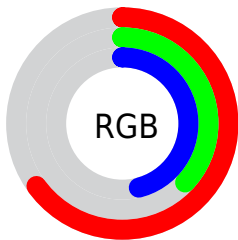
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 94, 117 |
| Decimal | 10837621 |
| CIE _{Lab} | 48.62, 31.85, -0.30 |
| CIE _{LCh} | 49, 31.852, 359.460 |
| Yxy | 17.2895, 0.3854, 0.2930 |
| Android (android.graphics.Color) | 4289027701 (0xFFA55E75) |
| YUV | 117.8510, -0.4195, 41.3497 |
| Hunter-Lab | 41.5807, 24.8514, 2.0459 |

Details

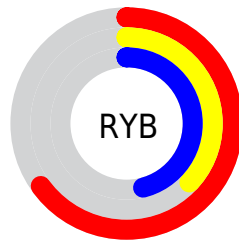
The YIQ color **117.8510, 34.9330, 22.2050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.1490, -34.9330, -22.2050**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.3460, 37.9130, 23.2650**, and **67.4700, 31.6320, 21.4560** is the 20% darker color. If you saturate the color by 10%, you get **106.6180, 43.1390, 27.6750**, and if you desaturate by 10%, it is **128.4970, 27.0020, 17.2580**.

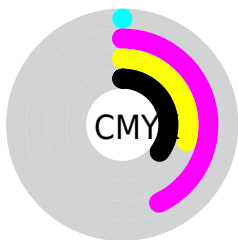
Distribution



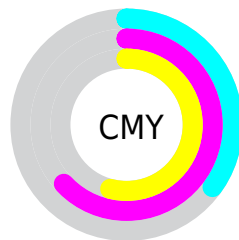
- Red (65%)
- Green (37%)
- Blue (46%)



- Red (65%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (43%)
- Yellow (29%)
- Black (35%)





- Cyan (35%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.8510, 34.9330, 22.2050 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 117.8510, 34.9330, 22.2050 by changing the saturation by 10% instead.


 117.8510, 34.9330,
22.2050


 117.8510, 34.9330,
22.2050


255.0000, -0.0000,
-0.0000


 92.2530, 33.7410,
21.7810


 171.3460, 37.9130,
23.2650


 67.4700, 31.6320,
21.4560


 198.9440, 39.1050,
23.6890

 43.1000, 29.7980,
21.6540

 219.1810, 25.0760,
19.1240

 20.9040, 27.4140,
20.8060

 239.5100, 7.7920,
12.9760

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,
0.0000

■ 117.8510, 34.9330,
22.2050

■ 117.8510, 34.9330,
22.2050

■ 106.6180, 43.1390,
27.6750

■ 128.4970, 27.0020,
17.2580

■ 95.9720, 51.0700,
32.6220

■ 139.7300, 18.7960,
11.7880

■ 84.7390, 59.2760,
38.0920

■ 150.3760, 10.8650,
6.8410

■ 73.9790, 67.5280,
42.7280

■ 161.7230, 2.3380,
1.6820

■ 62.7460, 75.7340,
48.1980

■ 172.3690, -5.5930,
-3.2650


■ 55.4910, 81.0060,
51.7740

■ 183.6020,
-13.7990, -8.7350

■ 194.8350,
-22.0050, -14.2050

■ 205.4810,

-29.9360, -19.1520

 216.7140,
-38.1420, -24.6220

Harmonies

Analogous

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



118.9660, 15.6760, 24.2840



117.8510, 34.9330, 22.2050



116.2460, 43.6460, 12.9740

Triad

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



117.8510, 34.9330, 22.2050



110.6470, 7.5230, -20.7090



91.7290, -86.0560, -15.3040

Complementary

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



117.8510, 34.9330, 22.2050



141.1490, -34.9330, -22.2050

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.



91.7970, -80.7360, -23.6160



117.8510, 34.9330, 22.2050



106.2940, -19.3440, -23.8880

Square

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



117.8510, 34.9330, 22.2050



113.6390, 28.3370, -12.4550



97.3790, -56.2520, -26.8120



110.0600, -43.7870, 6.1090

Rectangle

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



117.8510, 34.9330, 22.2050



115.7910, 43.1890, 4.7330



97.3790, -56.2520, -26.8120



92.3330, -85.0010, -17.9050

Sweetspot

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



117.8510, 34.9330, 22.2050



195.3980, 13.7990, 8.7350



116.1470, 5.2210, 32.0450



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.



117.8510, 34.9330, 22.2050



140.2930, 54.6000, 34.7280



122.2730, 39.0160, 8.7760



76.0330, 4.4010, 2.8410



48.7130, 71.3330, 45.3570



6.0660, 8.8020, 5.6820

Inverse Universe

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



117.8510, 34.9330, 22.2050



140.2930, 54.6000, 34.7280



136.7270, -39.0160, -8.7760



76.0330, 4.4010, 2.8410



48.7130, 71.3330, 45.3570



6.0660, 8.8020, 5.6820

Previews

White Background



This preview shows how the YIQ color 117.8510, 34.9330, 22.2050 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 117.8510, 34.9330, 22.2050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

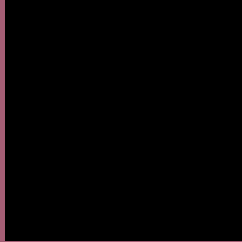
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 117.8510, 34.9330, 22.2050

Background



This preview shows how black text looks on a background with the YIQ color 117.8510, 34.9330, 22.2050.



This preview shows how white text looks on a background with the YIQ color 117.8510, 34.9330,

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

117.8510, 34.9330, 22.2050

Protanopia

116.4110, -5.4110, 4.4530

Deuteranopia

117.0120, 8.8940, 4.0140



Tritanopia

117.2440, 37.9600, 16.9040

Trichromacy



Original Color

117.8510, 34.9330, 22.2050

Protanomaly

116.8260, 9.7180, 11.1100

Deuteranomaly

116.9040, 18.2460, 10.7420

Tritanomaly

117.2270, 36.6300, 18.9820

Monochromacy



Original Color

117.8510, 34.9330, 22.2050

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8000, 12.6070, 8.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.8510, 34.9330, 22.2050 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(165, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 117) }
```

Border

The CSS property to change the border of an element to YIQ 117.8510, 34.9330, 22.2050 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(165, 94, 117) }
```


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

```
.border{ border-color:rgb(165, 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(165, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 94, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 94, 117); box-shadow:4px 4px 4px 4px rgb(165, 94, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 117.8510, 34.9330, 22.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 117) }
```

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

```
.background{ background-color: rgb(165, 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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