

Converting Colors

YIQ(118.3060, 34.2490, 1.5530)

Have a look what the booklet for
YIQ(118.3060, 34.2490, 1.5530)
contains.

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Color

**YIQ(118.3060, 34.2490,
1.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	986C53
RGB	152, 108, 83
RGB Percent	60%, 42%, 33%
CMY	0.4038, 0.5765, 0.6744
CMYK	0.00, 0.29, 0.45, 0.40
HSL	22°, 29%, 46%
HSV	22°, 45%, 60%
XYZ	19.8766, 18.0239, 10.6230
YIQ	118.3060, 34.2490, 1.5530

Conversions

Conversions Part 2

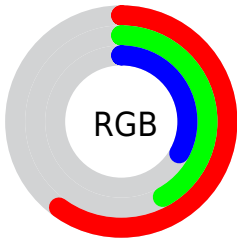
Format	Color
R_{YB}	152, 122, 83
Decimal	9989203
CIE Lab	49.53, 14.35, 20.90
CIE LCh	50, 25.352, 55.537
Yxy	18.0239, 0.4096, 0.3714
Android (android.graphics.Color)	4288179283 (0xFF986C53)
YUV	118.3060, -17.4059, 29.5496
Hunter-Lab	42.4546, 9.2754, 14.8827

Details

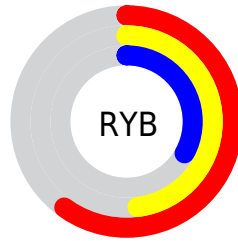
The YIQ color **118.3060, 34.2490, 1.5530** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **116.6940, -34.2490, -1.5530**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.2740, 37.2750, 1.7790**, and **69.1530, 30.3060, 1.4260** is the 20% darker color. If you saturate the color by 10%, you get **110.7260, 41.8140, 2.1180**, and if you desaturate by 10%, it is **125.8860, 26.6840, 0.9880**.

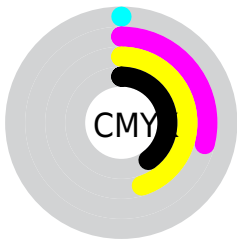
Distribution



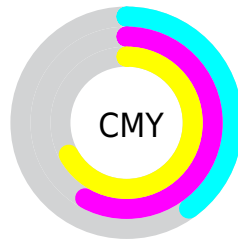
- Red (60%)
- Green (42%)
- Blue (33%)



- Red (60%)
- Yellow (48%)
- Blue (33%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.3060, 34.2490, 1.5530 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 118.3060, 34.2490, 1.5530 by changing the saturation by 10% instead.

■ 118.3060, 34.2490,
1.5530

■ 118.3060, 34.2490,
1.5530

■ 255.0000, -0.0000,
-0.0000

■ 93.5230, 32.1400,
1.2280

■ 171.2740, 37.2750,
1.7790

■ 69.1530, 30.3060,
1.4260

■ 198.7580, 38.7880,
1.8920

■ 46.0710, 27.6010,
0.8890

■ 223.0670, 33.4240,
-0.0160

■ 24.6300, 24.5290,
1.4970

■ 243.2820, 16.4610,
-6.4750

■ 7.5890, 14.5790,
5.6110

■ 253.5180, 4.1730,
-4.0430

■ 0.0000, 0.0000,
0.0000

■ 118.3060, 34.2490,
1.5530

■ 118.3060, 34.2490,
1.5530

■ 110.7260, 41.8140,
2.1180

■ 125.8860, 26.6840,
0.9880

■ 103.7330, 49.1040,
2.1600

■ 132.8790, 19.3940,
0.9460

■ 96.0390, 56.9900,
2.4140

■ 140.5730, 11.5080,
0.6920

■ 88.4590, 64.5550,
2.9790

■ 148.1530, 3.9430,
0.1270

■ 80.8790, 72.1200,
3.5440

■ 155.7330, -3.6220,
-0.4380

■ 77.7330, 75.4670,
3.4590

■ 162.7260,
-10.9120, -0.4800

■ 170.3060,
-18.4770, -1.0450

■ 178.0000,

-26.3630, -1.2990

■ 184.9930,
-33.6530, -1.3410

Harmonies

Analogous

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



119.7010, 34.9350, 11.1510



118.3060, 34.2490, 1.5530



116.4200, 24.7600, -8.2000

Triad

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



118.3060, 34.2490, 1.5530



107.5560, -34.5210, -18.6570



118.7990, -12.0150, 14.0090

Complementary

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



118.3060, 34.2490, 1.5530



116.6940, -34.2490, -1.5530

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.



114.0840, -35.1670, 4.0730



118.3060, 34.2490, 1.5530



104.3830, -52.9070, -15.8430

Square

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



118.3060, 34.2490, 1.5530



111.4630, -12.3300, -18.8420



106.9520, -52.7710, -7.2910



120.8680, 9.9000, 18.8280

Rectangle

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



118.3060, 34.2490, 1.5530



115.2830, 14.7200, -13.4720



106.9520, -52.7710, -7.2910



117.9120, -19.7630, 11.2530

Sweetspot

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



118.3060, 34.2490, 1.5530



185.2420, 13.9380, 0.7060



108.7610, 26.6790, 28.6230



91.3060, 7.8860, 0.2540



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



118.3060, 34.2490, 1.5530



146.1850, 53.6430, 2.4990



138.2640, 24.8990, -16.2290



73.1530, 3.9430, 0.1270



71.7970, 69.4150, 3.0070



6.8220, 6.3730, 0.1410

Inverse Universe

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



116.6940, -34.2490, -1.5530



143.8150, -53.6430, -2.4990



96.7360, -24.8990, 16.2290



72.8470, -3.9430, -0.1270



68.7900, -69.6900, -3.5300



6.1780, -6.3730, -0.1410

Previews

White Background



This preview shows how the YIQ color 118.3060, 34.2490, 1.5530 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 118.3060, 34.2490, 1.5530 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 118.3060, 34.2490, 1.5530

Background



This preview shows how black text looks on a background with the YIQ color 118.3060, 34.2490, 1.5530.



This preview shows how white text looks on a background with the YIQ color 118.3060, 34.2490,

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

118.3060, 34.2490, 1.5530

Protanopia

117.1570, 15.3150, -7.7330

Deuteranopia

117.8380, 26.6390, -3.7050



Tritanopia

120.1610, 27.8280, 13.3000

Trichromacy



Original Color

118.3060, 34.2490, 1.5530

Protanomaly

117.3860, 22.1000, -4.0440

Deuteranomaly

117.8600, 29.5730, -1.8110

Tritanomaly

119.1950, 30.4880, 9.1440

Monochromacy



Original Color

118.3060, 34.2490, 1.5530

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.7580, 12.4250, 0.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.3060, 34.2490, 1.5530 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(152, 108, 83)` looks like.

```
.text, #text, p{  
    color:rgb(152, 108, 83)  
}
```

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(152, 108, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 108, 83) }
```

Border

The CSS property to change the border of an element to YIQ 118.3060, 34.2490, 1.5530 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(152, 108, 83) }
```


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

```
.border{ border-color:rgb(152, 108, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 108, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 108, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 108, 83);  
box-shadow:4px 4px 4px 4px rgb(152, 108,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 118.3060, 34.2490, 1.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 108, 83) }
```

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

```
.background{ background-color: rgb(152,  
108, 83) }
```

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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