

Converting Colors

YIQ(120.5540, 40.0230, 18.0630)

Have a look what the booklet for
YIQ(120.5540, 40.0230, 18.0630)
contains.

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Color

**YIQ(120.5540, 40.0230,
18.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	AA626B
RGB	170, 98, 107
RGB Percent	67%, 38%, 42%
CMY	0.3332, 0.6158, 0.5802
CMYK	0.00, 0.42, 0.37, 0.33
HSL	352°, 30%, 53%
HSV	352°, 42%, 67%
XYZ	23.6081, 18.3431, 16.2169
YIQ	120.5540, 40.0230, 18.0630

Conversions

Conversions Part 2

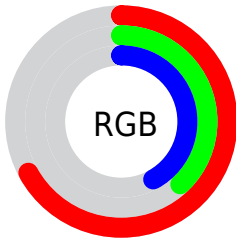
Format	Color
R_{YB}	170, 98, 107
Decimal	11166315
CIE _{Lab}	49.91, 30.21, 7.62
CIE _{LCh}	50, 31.153, 14.163
Yxy	18.3431, 0.4059, 0.3153
Android (android.graphics.Color)	4289356395 (0xFFAA626B)
YUV	120.5540, -6.6821, 43.3641
Hunter-Lab	42.8289, 23.4419, 7.5304

Details

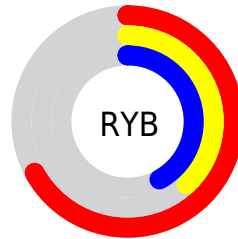
The YIQ color **120.5540, 40.0230, 18.0630** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.4460, -40.0230, -18.0630**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9350, 43.3240, 18.8120**, and **69.9880, 35.8050, 17.4130** is the 20% darker color. If you saturate the color by 10%, you get **108.8650, 49.5130, 22.2890**, and if you desaturate by 10%, it is **132.2430, 30.5330, 13.8370**.

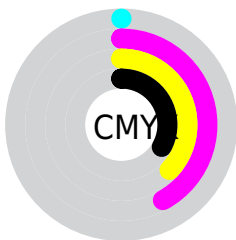
Distribution



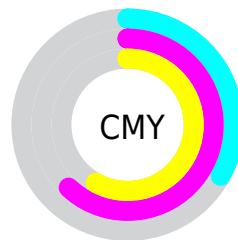
- Red (67%)
- Green (38%)
- Blue (42%)



- Red (67%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (33%)



- Cyan (33%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5540, 40.0230, 18.0630 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 120.5540, 40.0230, 18.0630 by changing the saturation by 10% instead.

120.5540, 40.0230,
18.0630

120.5540, 40.0230,
18.0630

255.0000, -0.0000,
-0.0000

94.7710, 37.9140,
17.7380

173.9350, 43.3240,
18.8120

69.9880, 35.8050,
17.4130

201.2340, 43.9200,
19.0240

45.6180, 33.9710,
17.6110

220.8620, 27.2320,
13.0880

20.8890, 31.7700,
18.9540

240.4900, 10.5440,
7.1520

12.6720, 24.7110,
9.2150

0.0000, 0.0000,
0.0000

120.5540, 40.0230,
18.0630

120.5540, 40.0230,
18.0630

108.8650, 49.5130,
22.2890

132.2430, 30.5330,
13.8370

97.1760, 59.0030,
26.5150

143.9320, 21.0430,
9.6110

85.4870, 68.4930,
30.7410

155.6210, 11.5530,
5.3850

73.9120, 77.6620,
35.2780

167.3100, 2.0630,
1.1590

62.2230, 87.1520,
39.5040

178.8850, -7.1060,
-3.3780


53.2240, 94.5790,
42.5710

190.5740,
-16.5960, -7.6040

202.2630,
-26.0860, -11.8300

213.9520,

-35.5760, -16.0560

 225.6410,
-45.0660, -20.2820

Harmonies

Analogous

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



122.1150, 25.4420, 23.5060



120.5540, 40.0230, 18.0630



119.2580, 43.3720, 6.9240

Triad

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



120.5540, 40.0230, 18.0630



112.3620, -4.8560, -22.1360



107.8900, -58.2280, -2.0040

Complementary

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



120.5540, 40.0230, 18.0630



147.4460, -40.0230, -18.0630

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.



94.5670, -85.7800, -20.3080



120.5540, 40.0230, 18.0630



106.8670, -34.1990, -24.4950

Square

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



120.5540, 40.0230, 18.0630



115.3280, 18.8470, -16.6810



93.3040, -78.0300, -28.6060



117.9590, -27.1450, 12.8790

Rectangle

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



120.5540, 40.0230, 18.0630



118.2370, 38.6970, -1.9670



93.3040, -78.0300, -28.6060



103.0300, -70.6060, -8.9580

Sweetspot

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



120.5540, 40.0230, 18.0630



202.1270, 16.0000, 7.3920



124.7460, 13.8400, 35.5360



99.7240, 9.7650, 4.7490



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.



120.5540, 40.0230, 18.0630



144.3830, 62.8540, 28.3100



134.7900, 35.7620, 1.6660



78.5060, 4.4470, 2.0070



46.4180, 82.1090, 37.2850



6.3220, 10.9570, 5.1730

Inverse Universe

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



120.5540, 40.0230, 18.0630



144.3830, 62.8540, 28.3100



133.2100, -35.7620, -1.6660



78.5060, 4.4470, 2.0070



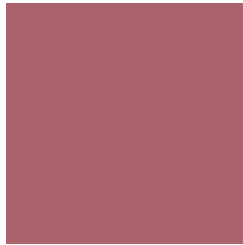
46.4180, 82.1090, 37.2850



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 120.5540, 40.0230, 18.0630 looks on a white background.

Color Contrast Check

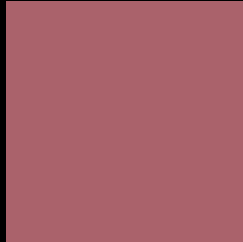
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.5540, 40.0230, 18.0630 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 120.5540, 40.0230, 18.0630

Background



This preview shows how black text looks on a background with the YIQ color 120.5540, 40.0230, 18.0630.



This preview shows how white text looks on a background with the YIQ color 120.5540, 40.0230,

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

120.5540, 40.0230, 18.0630

Protanopia

119.4840, 1.5130, 0.1130

Deuteranopia

120.0250, 16.0470, 1.0310



Tritanopia

120.3260, 40.6650, 17.4410

Trichromacy



Original Color

120.5540, 40.0230, 18.0630

Protanomaly

119.7140, 15.7250, 6.8690

Deuteranomaly

120.2050, 24.5280, 7.0240

Tritanomaly

120.4400, 40.3440, 17.7520

Monochromacy



Original Color

120.5540, 40.0230, 18.0630

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.5540, 40.0230, 18.0630 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(170, 98, 107)` looks like.

```
.text, #text, p{  
    color:rgb(170, 98, 107)  
}
```

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(170, 98, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 98, 107) }
```

Border

The CSS property to change the border of an element to YIQ 120.5540, 40.0230, 18.0630 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(170, 98, 107) }
```


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

```
.border{ border-color:rgb(170, 98, 107) }
```

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

Here you see how a box with a 4 pixel rgb(170, 98, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 98, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 98, 107);  
box-shadow:4px 4px 4px 4px rgb(170, 98,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 120.5540, 40.0230, 18.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 98, 107) }
```

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

```
.background{ background-color: rgb(170, 98,  
107) }
```

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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