

Converting Colors

YIQ(120.0380, 41.5360, 18.1760)

Have a look what the booklet for
YIQ(120.0380, 41.5360, 18.1760)
contains.

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Color

**YIQ(120.0380, 41.5360,
18.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6169
RGB	171, 97, 105
RGB Percent	67%, 38%, 41%
CMY	0.3292, 0.6197, 0.5881
CMYK	0.00, 0.43, 0.39, 0.33
HSL	353°, 31%, 53%
HSV	353°, 43%, 67%
XYZ	23.6284, 18.2275, 15.6484
YIQ	120.0380, 41.5360, 18.1760

Conversions

Conversions Part 2

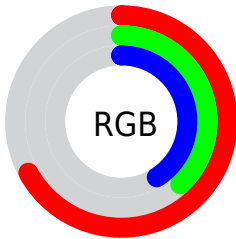
Format	Color
R_{YB}	171, 97, 105
Decimal	11231593
CIE _{Lab}	49.77, 30.89, 8.64
CIE _{LCh}	50, 32.079, 15.619
Yxy	18.2275, 0.4109, 0.3170
Android (android.graphics.Color)	4289421673 (0xFFAB6169)
YUV	120.0380, -7.4137, 44.6937
Hunter-Lab	42.6937, 24.0749, 8.1542

Details

The YIQ color **120.0380, 41.5360, 18.1760** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.9620, -41.5360, -18.1760**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.4190, 44.8370, 18.9250**, and **69.4720, 37.3180, 17.5260** is the 20% darker color. If you saturate the color by 10%, you get **108.3490, 51.0260, 22.4020**, and if you desaturate by 10%, it is **131.7270, 32.0460, 13.9500**.

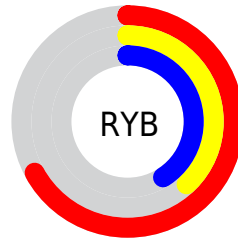
Distribution



Red (67%)

Green (38%)

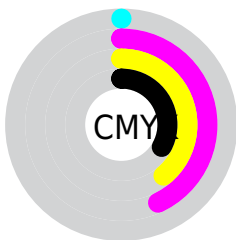
Blue (41%)



Red (67%)

Yellow (38%)

Blue (41%)

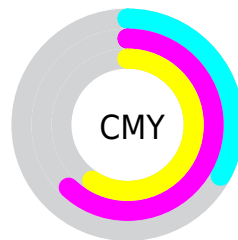


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0380, 41.5360, 18.1760 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 120.0380, 41.5360, 18.1760 by changing the saturation by 10% instead.

120.0380, 41.5360,
18.1760

120.0380, 41.5360,
18.1760

255.0000, -0.0000,
-0.0000

94.2550, 39.4270,
17.8510

173.4190, 44.8370,
18.9250

69.4720, 37.3180,
17.5260

200.4190, 44.8370,
18.9250

44.9170, 34.5670,
17.8230

220.0470, 28.1490,
12.9890

20.9600, 33.0080,
18.5440

239.6750, 11.4610,
7.0530

12.9710, 25.3070,
9.4270

0.0000, 0.0000,
0.0000

■ 120.0380, 41.5360,
18.1760

■ 120.0380, 41.5360,
18.1760

■ 108.3490, 51.0260,
22.4020

■ 131.7270, 32.0460,
13.9500

■ 96.6600, 60.5160,
26.6280

■ 143.5300, 22.2350,
10.0350

■ 84.8570, 70.3270,
30.5430

■ 155.2190, 12.7450,
5.8090

■ 73.1680, 79.8170,
34.7690

■ 166.9080, 3.2550,
1.5830

■ 60.8920, 89.5820,
39.5180

■ 178.5970, -6.2350,
-2.6430


■ 53.2950, 95.8170,
42.1610

■ 190.8730,
-16.0000, -7.3920

■ 202.6760,
-25.8110, -11.3070

■ 214.3650,

-35.3010, -15.5330

 226.0540,
-44.7910, -19.7590

Harmonies

Analogous

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



121.4250, 27.5050, 24.6650



120.0380, 41.5360, 18.1760



119.0300, 44.0140, 6.3020

Triad

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



120.0380, 41.5360, 18.1760



111.3510, -6.3230, -23.0830



107.5200, -60.0620, -1.8060

Complementary

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



120.0380, 41.5360, 18.1760



147.9620, -41.5360, -18.1760

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.



94.7950, -86.4220, -19.6860



120.0380, 41.5360, 18.1760



105.4860, -37.5000, -25.2440

Square

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



120.0380, 41.5360, 18.1760



114.9150, 18.5720, -17.2040



93.1190, -78.9470, -28.5070



117.7850, -26.5950, 13.9250

Rectangle

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



120.0380, 41.5360, 18.1760



117.8950, 39.6600, -2.9000



93.1190, -78.9470, -28.5070



100.7630, -74.2280, -9.3960

Sweetspot

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



120.0380, 41.5360, 18.1760



202.0130, 16.3210, 7.0810



124.8710, 14.9860, 36.7940



99.6100, 10.0860, 4.4380



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.



120.0380, 41.5360, 18.1760



142.1660, 64.9630, 28.6350



135.5620, 36.4040, 1.0440



80.8050, 5.0430, 2.2190



46.6740, 84.2640, 36.7760



7.1050, 13.0660, 5.4980

Inverse Universe

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



120.0380, 41.5360, 18.1760



142.1660, 64.9630, 28.6350



132.4380, -36.4040, -1.0440



80.8050, 5.0430, 2.2190



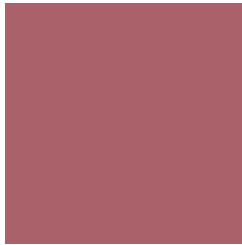
46.6740, 84.2640, 36.7760



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 120.0380, 41.5360, 18.1760 looks on a white background.

Color Contrast Check

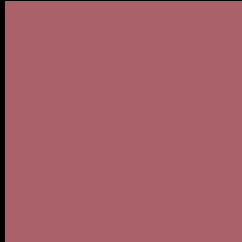
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0380, 41.5360, 18.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

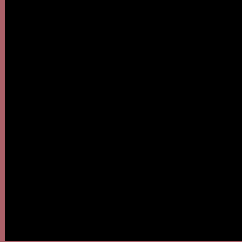
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0380, 41.5360, 18.1760

Background



This preview shows how black text looks on a background with the YIQ color 120.0380, 41.5360, 18.1760.



This preview shows how white text looks on a background with the YIQ color 120.0380, 41.5360,

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

120.0380, 41.5360, 18.1760

Protanopia

118.6690, 2.4300, 0.0140

Deuteranopia

119.2100, 16.9640, 0.9320



Tritanopia

119.9240, 41.8570, 17.8650

Trichromacy



Original Color

120.0380, 41.5360, 18.1760

Protanomaly

118.8990, 16.6420, 6.7700

Deuteranomaly

119.6890, 26.0410, 7.1370

Tritanomaly

119.9240, 41.8570, 17.8650

Monochromacy



Original Color

120.0380, 41.5360, 18.1760

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.4150, 15.1290, 6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0380, 41.5360, 18.1760 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, 97, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 97, 105)  
}
```

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, 97, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 97, 105) }
```

Border

The CSS property to change the border of an element to YIQ 120.0380, 41.5360, 18.1760 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, 97, 105) }
```


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

```
.border{ border-color:rgb(171, 97, 105) }
```

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

Here you see how a box with a 4 pixel rgb(171, 97, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 97, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 97, 105);  
box-shadow:4px 4px 4px 4px rgb(171, 97,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0380, 41.5360, 18.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 97, 105) }
```

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

```
.background{ background-color: rgb(171, 97,  
105) }
```

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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