

Converting Colors

YIQ(116.3200, 40.8020, 20.4660)

Have a look what the booklet for
YIQ(116.3200, 40.8020, 20.4660)
contains.

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Color

**YIQ(116.3200, 40.8020,
20.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	A85C6A
RGB	168, 92, 106
RGB Percent	66%, 36%, 42%
CMY	0.3410, 0.6393, 0.5842
CMYK	0.00, 0.45, 0.37, 0.34
HSL	349°, 30%, 51%
HSV	349°, 45%, 66%
XYZ	22.5866, 17.0203, 15.7410
YIQ	116.3200, 40.8020, 20.4660

Conversions

Conversions Part 2

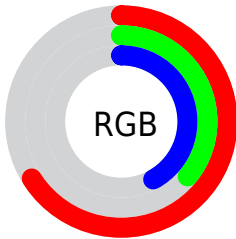
Format	Color
RYB	168, 92, 106
Decimal	11033706
CIELab	48.29, 32.61, 5.87
CIELCh	48, 33.131, 10.205
Yxy	17.0203, 0.4081, 0.3075
Android (android.graphics.Color)	4289223786 (0xFFA85C6A)
YUV	116.3200, -5.0878, 45.3234
Hunter-Lab	41.2557, 25.5277, 6.2571

Details

The YIQ color **116.3200, 40.8020, 20.4660** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.6800, -40.8020, -20.4660**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7010, 44.1030, 21.2150**, and **65.7540, 36.5840, 19.8160** is the 20% darker color. If you saturate the color by 10%, you get **104.7450, 49.9710, 25.0030**, and if you desaturate by 10%, it is **127.8950, 31.6330, 15.9290**.

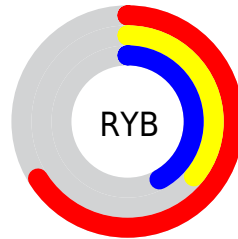
Distribution



Red (66%)

Green (36%)

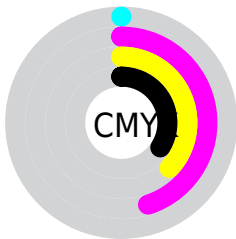
Blue (42%)



Red (66%)

Yellow (36%)

Blue (42%)

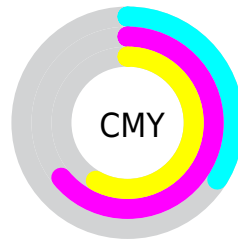


Cyan (0%)

Magenta (45%)

Yellow (37%)

Black (34%)



Cyan (34%)


Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.3200, 40.8020, 20.4660 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 116.3200, 40.8020, 20.4660 by changing the saturation by 10% instead.


 116.3200, 40.8020,
20.4660


 116.3200, 40.8020,
20.4660


255.0000, -0.0000,
-0.0000


 90.5370, 38.6930,
20.1410


 169.7010, 44.1030,
21.2150


 65.7540, 36.5840,
19.8160


 197.5980, 45.8910,
21.8510


 40.7970, 35.0250,
20.5370

 216.6390, 29.4780,
16.4380

 20.1770, 30.8990,
18.2190

 236.8540, 12.5150,
9.9790

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,
0.0000

■ 116.3200, 40.8020,
20.4660

■ 116.3200, 40.8020,
20.4660

■ 104.7450, 49.9710,
25.0030

■ 127.8950, 31.6330,
15.9290

■ 93.2840, 58.8190,
29.8510

■ 139.3560, 22.7850,
11.0810

■ 82.2960, 67.7130,
33.8650

■ 150.3440, 13.8910,
7.0670

■ 70.7210, 76.8820,
38.4020

■ 161.9190, 4.7220,
2.5300

■ 59.2600, 85.7300,
43.2500

■ 173.4940, -4.4470,
-2.0070


■ 53.7660, 90.1770,
45.2570

■ 184.9550,
-13.2950, -6.8550

■ 196.5300,
-22.4640, -11.3920

■ 207.5180,

-31.3580, -15.4060

 218.9790,
-40.2060, -20.2540

Harmonies

Analogous

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



117.9840, 24.4330, 25.2730



116.3200, 40.8020, 20.4660



115.0950, 45.3890, 8.9170

Triad

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



116.3200, 40.8020, 20.4660



107.8030, -1.7840, -22.7440



97.2190, -75.5120, -8.1520

Complementary

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



116.3200, 40.8020, 20.4660



143.6800, -40.8020, -20.4660

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.



92.2360, -83.3500, -20.2940



116.3200, 40.8020, 20.4660



102.4110, -32.9150, -25.7390

Square

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



116.3200, 40.8020, 20.4660



111.4810, 22.7900, -16.5540



89.8590, -75.2790, -28.9030



112.3110, -34.0680, 11.6920

Rectangle

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



116.3200, 40.8020, 20.4660



114.1450, 41.9520, -0.3840



89.8590, -75.2790, -28.9030



91.9570, -86.6980, -14.6820

Sweetspot

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



116.3200, 40.8020, 20.4660



198.5400, 16.2750, 7.9150



118.9030, 11.9600, 36.5680



97.0230, 10.3610, 4.9610



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



116.3200, 40.8020, 20.4660



138.7900, 63.2660, 31.8580



128.2250, 38.9710, 4.0830



78.5060, 4.4470, 2.0070



47.3300, 79.5410, 39.7730



6.4360, 10.6360, 5.4840

Inverse Universe

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



116.3200, 40.8020, 20.4660



138.7900, 63.2660, 31.8580



131.7750, -38.9710, -4.0830



78.5060, 4.4470, 2.0070



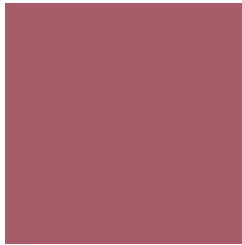
47.3300, 79.5410, 39.7730



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 116.3200, 40.8020, 20.4660 looks on a white background.

Color Contrast Check

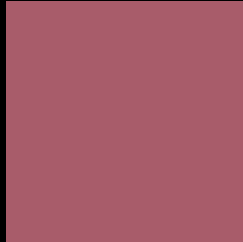
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.3200, 40.8020, 20.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

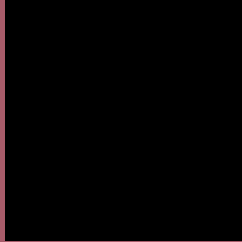
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.3200, 40.8020, 20.4660

Background



This preview shows how black text looks on a background with the YIQ color 116.3200, 40.8020, 20.4660.



This preview shows how white text looks on a background with the YIQ color 116.3200, 40.8020,

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

116.3200, 40.8020, 20.4660

Protanopia

115.7550, -0.6880, 1.4560

Deuteranopia

116.0680, 14.4880, 1.7520



Tritanopia

116.2230, 42.4530, 18.0770

Trichromacy



Original Color

116.3200, 40.8020, 20.4660

Protanomaly

116.1700, 14.4410, 8.1130

Deuteranomaly

115.9600, 23.8400, 8.4800

Tritanomaly

116.4510, 41.8110, 18.6990

Monochromacy



Original Color

116.3200, 40.8020, 20.4660

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9420, 15.0830, 7.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3200, 40.8020, 20.4660 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(168, 92, 106)` looks like.

```
.text, #text, p{  
    color:rgb(168, 92, 106)  
}
```

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(168, 92, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 92, 106) }
```

Border

The CSS property to change the border of an element to YIQ 116.3200, 40.8020, 20.4660 is called "border". The border property can be set on classes, ids or directly on the HTML element.

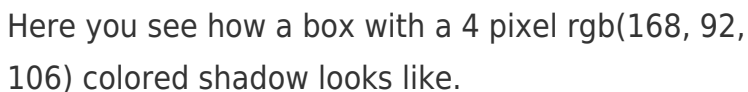
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 92, 106) }
```


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

```
.border{ border-color:rgb(168, 92, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 92, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 92, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 92, 106); box-shadow:4px 4px 4px 4px rgb(168, 92, 106) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3200, 40.8020, 20.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 92, 106) }
```

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

```
.background{ background-color: rgb(168, 92,  
106) }
```

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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