

Converting Colors

YIQ(138.8640, 42.0860, 19.2220)

Have a look what the booklet for
YIQ(138.8640, 42.0860, 19.2220)
contains.

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Color

**YIQ(138.8640, 42.0860,
19.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	BF737D
RGB	191, 115, 125
RGB Percent	75%, 45%, 49%
CMY	0.2508, 0.5491, 0.5096
CMYK	0.00, 0.40, 0.35, 0.25
HSL	352°, 37%, 60%
HSV	352°, 40%, 75%
XYZ	31.3292, 24.8184, 22.5549
YIQ	138.8640, 42.0860, 19.2220

Conversions

Conversions Part 2

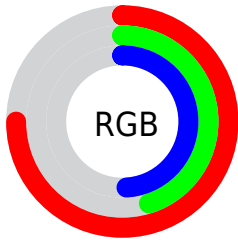
Format	Color
R_{YB}	191, 115, 125
Decimal	12546941
CIE _{Lab}	56.90, 31.17, 7.35
CIE _{LCh}	57, 32.026, 13.265
Yxy	24.8184, 0.3981, 0.3153
Android (android.graphics.Color)	4290737021 (0xFFBF737D)
YUV	138.8640, -6.8350, 45.7233
Hunter-Lab	49.8181, 25.0720, 8.0295

Details

The YIQ color **138.8640, 42.0860, 19.2220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **167.1360, -42.0860, -19.2220**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3590, 45.0660, 20.2820**, and **87.1840, 38.1890, 18.2610** is the 20% darker color. If you saturate the color by 10%, you get **125.7730, 52.7680, 23.8720**, and if you desaturate by 10%, it is **151.9550, 31.4040, 14.5720**.

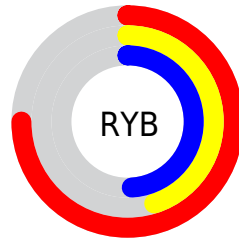
Distribution



Red (75%)

Green (45%)

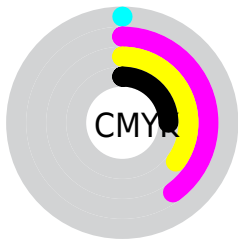
Blue (49%)



Red (75%)

Yellow (45%)

Blue (49%)

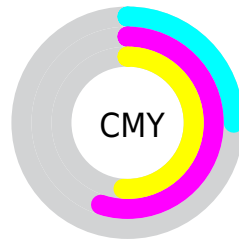


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (25%)



Cyan (25%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.8640, 42.0860, 19.2220 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 138.8640, 42.0860, 19.2220 by changing the saturation by 10% instead.

■ 138.8640, 42.0860,
19.2220

■ 138.8640, 42.0860,
19.2220

255.0000, -0.0000,
-0.0000

■ 112.9670, 40.2980,
18.5860

■ 193.3590, 45.0660,
20.2820

■ 87.1840, 38.1890,
18.2610

■ 214.6670, 32.2750,
15.3070

■ 62.5150, 35.7590,
18.2470

■ 234.2950, 15.5870,
9.3710

■ 37.6720, 33.8790,
19.2790

253.8260, 0.5500,
1.0460

■ 18.0690, 31.0830,
14.8830

■ 9.6820, 18.7510,
7.0950

■ 0.0000, 0.0000,

0.0000

■ 138.8640, 42.0860,
19.2220

■ 138.8640, 42.0860,
19.2220

■ 125.7730, 52.7680,
23.8720

■ 151.9550, 31.4040,
14.5720

■ 112.7960, 63.1290,
28.8330

■ 164.9320, 21.0430,
9.6110

■ 99.7050, 73.8110,
33.4830

■ 178.0230, 10.3610,
4.9610

■ 86.7280, 84.1720,
38.4440

■ 191.0000, -0.0000,
-0.0000

■ 73.0500, 95.1290,
43.6170

■ 204.0910,
-10.6820, -4.6500

■ 60.0730, 105.4900,
48.5780

■ 217.6550,
-21.3180, -10.1340

■ 59.9590, 105.8110,
48.2670

■ 230.7460,
-32.0000, -14.7840

■ 235.8640,
-38.1440, -13.5680

Harmonies

Analogous

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



140.2400, 26.5880, 24.7640



138.8640, 42.0860, 19.2220



137.4540, 45.7560, 7.7720

Triad

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



138.8640, 42.0860, 19.2220



130.0200, -3.8930, -23.0690



126.4060, -59.7410, -2.1170

Complementary

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



138.8640, 42.0860, 19.2220



167.1360, -42.0860, -19.2220

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.



112.9800, -85.5050, -19.7850



138.8640, 42.0860, 19.2220



124.4540, -34.4740, -25.0180

Square

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



138.8640, 42.0860, 19.2220



133.5840, 21.0020, -17.1900



116.8600, -67.8520, -25.8360



135.7030, -29.3000, 13.3880

Rectangle

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



138.8640, 42.0860, 19.2220



136.2050, 41.7230, -1.7410



116.8600, -67.8520, -25.8360



122.1550, -69.4600, -7.7000

Sweetspot

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



138.8640, 42.0860, 19.2220



227.1270, 16.0000, 7.3920



143.3980, 14.9400, 37.6280



112.7240, 9.7650, 4.7490



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



138.8640, 42.0860, 19.2220



165.9920, 65.5130, 29.6810



154.1600, 37.5960, 1.4680



87.8050, 5.0430, 2.2190



49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Inverse Universe

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



138.8640, 42.0860, 19.2220



165.9920, 65.5130, 29.6810



151.8400, -37.5960, -1.4680



87.8050, 5.0430, 2.2190



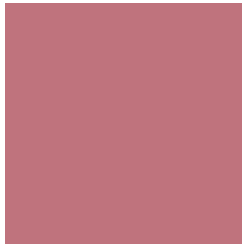
49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 138.8640, 42.0860, 19.2220 looks on a white background.

Color Contrast Check

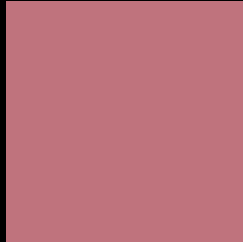
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 138.8640, 42.0860, 19.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

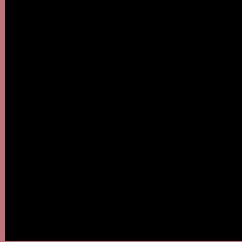
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.8640, 42.0860, 19.2220

Background



This preview shows how black text looks on a background with the YIQ color 138.8640, 42.0860, 19.2220.



This preview shows how white text looks on a background with the YIQ color 138.8640, 42.0860,

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

138.8640, 42.0860, 19.2220

Protanopia

137.0110, 1.4670, 0.9470

Deuteranopia

138.0360, 17.5140, 1.9780



Tritanopia

138.7500, 42.4070, 18.9110

Trichromacy



Original Color

138.8640, 42.0860, 19.2220

Protanomaly

137.5400, 16.2750, 7.9150

Deuteranomaly

138.5150, 26.5910, 8.1830

Tritanomaly

138.7500, 42.4070, 18.9110

Monochromacy



Original Color

138.8640, 42.0860, 19.2220

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8280, 15.4040, 7.1800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.8640, 42.0860, 19.2220 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(191, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(191, 115, 125)  
}
```

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(191, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 115, 125) }
```

Border

The CSS property to change the border of an element to YIQ 138.8640, 42.0860, 19.2220 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(191, 115, 125) }
```


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

```
.border{ border-color:rgb(191, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 115, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 115, 125); box-shadow:4px 4px 4px 4px rgb(191, 115, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 138.8640, 42.0860, 19.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 115, 125) }
```

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

```
.background{ background-color: rgb(191,  
115, 125) }
```

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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