

Converting Colors

YIQ(132.0710, 45.9370, 21.0170)

Have a look what the booklet for
YIQ(132.0710, 45.9370, 21.0170)
contains.

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Color

**YIQ(132.0710, 45.9370,
21.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	BD6A75
RGB	189, 106, 117
RGB Percent	74%, 42%, 46%
CMY	0.2586, 0.5844, 0.5410
CMYK	0.00, 0.44, 0.38, 0.26
HSL	352°, 39%, 58%
HSV	352°, 44%, 74%
XYZ	29.3631, 22.4118, 19.6216
YIQ	132.0710, 45.9370, 21.0170

Conversions

Conversions Part 2

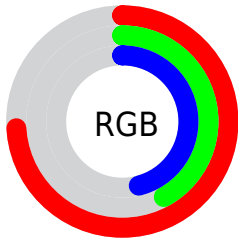
Format	Color
RYB	189, 106, 117
Decimal	12413557
CIELab	54.46, 34.29, 8.52
CIELCh	54, 35.336, 13.947
Yxy	22.4118, 0.4113, 0.3139
Android (android.graphics.Color)	4290603637 (0xFFBD6A75)
YUV	132.0710, -7.4300, 49.9267
Hunter-Lab	47.3411, 27.8671, 8.5647

Details

The YIQ color **132.0710, 45.9370, 21.0170** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **162.9290, -45.9370, -21.0170**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.4520, 49.2380, 21.7660**, and **80.5050, 41.7190, 20.3670** is the 20% darker color. If you saturate the color by 10%, you get **119.0940, 56.2980, 25.9780**, and if you desaturate by 10%, it is **145.0480, 35.5760, 16.0560**.

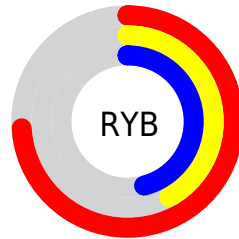
Distribution



Red (74%)

Green (42%)

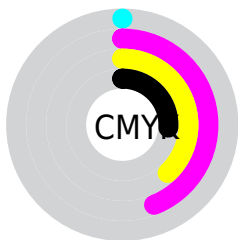
Blue (46%)



Red (74%)

Yellow (42%)

Blue (46%)

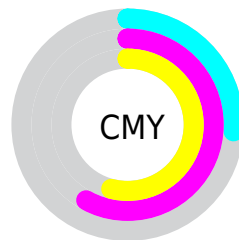


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (26%)



Cyan (26%)


Magenta (58%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.0710, 45.9370, 21.0170 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 132.0710, 45.9370, 21.0170 by changing the saturation by 10% instead.

 132.0710, 45.9370,
21.0170


 132.0710, 45.9370,
21.0170


255.0000, -0.0000,
-0.0000


 106.1740, 44.1490,
20.3810


 186.7510, 49.8340,
21.9780

 80.5050, 41.7190,
20.3670


 207.7710, 37.9140,
17.7380


 55.2490, 39.5640,
20.8760

 227.3990, 21.2260,
11.8020

 28.3460, 37.9130,
23.2650

 247.7280, 3.9420,
5.6540

 16.4450, 32.7800,
11.6600

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,

0.0000

■ 132.0710, 45.9370,
21.0170

■ 132.0710, 45.9370,
21.0170

■ 119.0940, 56.2980,
25.9780

■ 145.0480, 35.5760,
16.0560

■ 106.0030, 66.9800,
30.6280

■ 158.1390, 24.8940,
11.4060

■ 93.0260, 77.3410,
35.5890

■ 171.1160, 14.5330,
6.4450

■ 80.0490, 87.7020,
40.5500

■ 184.2070, 3.8510,
1.7950

■ 66.9580, 98.3840,
45.2000

■ 196.5970, -6.2350,
-2.6430

■ 59.3610, 104.6190,
47.8430

■ 209.5740,
-16.5960, -7.6040

■ 222.6650,
-27.2780, -12.2540

■ 234.4680,
-37.0890, -16.1690

■ 235.2660,
-39.3360, -13.9920

Harmonies

Analogous

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



133.7890, 29.4760, 27.4920



132.0710, 45.9370, 21.0170



130.6070, 49.6990, 7.8990

Triad

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



132.0710, 45.9370, 21.0170



122.9550, -5.2680, -25.6840



115.8930, -71.4780, -4.1660

Complementary

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



132.0710, 45.9370, 21.0170



162.9290, -45.9370, -21.0170

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.



104.1360, -94.8120, -21.8200



132.0710, 45.9370, 21.0170



115.8230, -40.0670, -28.2830

Square

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



132.0710, 45.9370, 21.0170



126.7150, 22.0110, -18.9570



102.1180, -86.3740, -31.5740



128.9740, -31.5010, 14.7310

Rectangle

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



132.0710, 45.9370, 21.0170



129.6460, 44.7950, -2.3490



102.1180, -86.3740, -31.5740



104.9390, -95.4550, -15.6710

Sweetspot

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



132.0710, 45.9370, 21.0170



223.0240, 17.7880, 8.0280



136.9900, 16.2690, 41.0770



108.9090, 10.6820, 4.6500



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



132.0710, 45.9370, 21.0170



155.8080, 72.0230, 32.8470



148.4270, 41.2180, 1.9060



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.



132.0710, 45.9370, 21.0170



155.8080, 72.0230, 32.8470



146.5730, -41.2180, -1.9060



87.8050, 5.0430, 2.2190



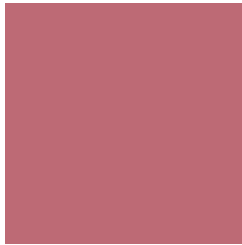
49.6360, 87.4270, 40.0270



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 132.0710, 45.9370, 21.0170 looks on a white background.

Color Contrast Check

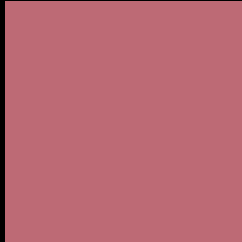
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.0710, 45.9370, 21.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

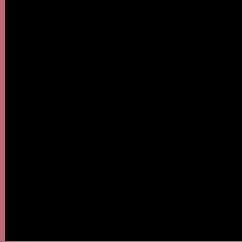
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.0710, 45.9370, 21.0170

Background



This preview shows how black text looks on a background with the YIQ color 132.0710, 45.9370, 21.0170.



This preview shows how white text looks on a background with the YIQ color 132.0710, 45.9370,

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

132.0710, 45.9370, 21.0170

Protanopia

130.8970, 1.7880, 0.6360

Deuteranopia

131.8080, 18.1560, 1.3560



Tritanopia

131.7290, 46.9000, 20.0840

Trichromacy



Original Color

132.0710, 45.9370, 21.0170

Protanomaly

131.0240, 17.7880, 8.0280

Deuteranomaly

131.9990, 28.1040, 8.2960

Tritanomaly

131.8430, 46.5790, 20.3950

Monochromacy



Original Color

132.0710, 45.9370, 21.0170

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.4260, 16.5960, 7.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.0710, 45.9370, 21.0170 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(189, 106, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 106, 117)  
}
```

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(189, 106, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 106, 117) }
```

Border

The CSS property to change the border of an element to YIQ 132.0710, 45.9370, 21.0170 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(189, 106, 117) }
```


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

```
.border{ border-color:rgb(189, 106, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 106, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 106, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 106, 117); box-shadow:4px 4px 4px 4px rgb(189, 106, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 132.0710, 45.9370, 21.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 106, 117) }
```

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

```
.background{ background-color: rgb(189,  
106, 117) }
```

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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