

Converting Colors

YIQ(155.7510, 23.4710, 20.6790)

Have a look what the booklet for
YIQ(155.7510, 23.4710, 20.6790)
contains.

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Color

**YIQ(155.7510, 23.4710,
20.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	BF88A5
RGB	191, 136, 165
RGB Percent	75%, 53%, 65%
CMY	0.2508, 0.4667, 0.3529
CMYK	0.00, 0.29, 0.14, 0.25
HSL	328°, 30%, 64%
HSV	328°, 29%, 75%
XYZ	37.0895, 31.4004, 39.7120
YIQ	155.7510, 23.4710, 20.6790

Conversions

Conversions Part 2

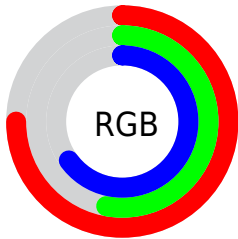
Format	Color
RYB	191, 136, 165
Decimal	12552357
CIELab	62.84, 25.53, -6.96
CIELCh	63, 26.462, 344.758
Yxy	31.4004, 0.3428, 0.2902
Android (android.graphics.Color)	4290742437 (0xFFBF88A5)
YUV	155.7510, 4.5598, 30.9134
Hunter-Lab	56.0360, 20.0836, -2.7928

Details

The YIQ color **155.7510, 23.4710, 20.6790** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.2490, -23.4710, -20.6790**, and the grayscale version is **156.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.7620, 24.9380, 21.6260**, and **103.7400, 22.0040, 19.7320** is the 20% darker color. If you saturate the color by 10%, you get **143.5720, 31.5850, 27.8170**, and if you desaturate by 10%, it is **167.9300, 15.3570, 13.5410**.

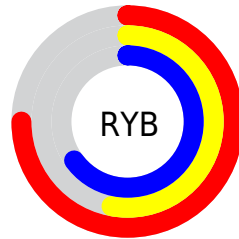
Distribution



Red (75%)

Green (53%)

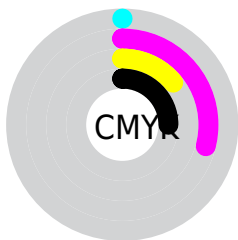
Blue (65%)



Red (75%)

Yellow (53%)

Blue (65%)

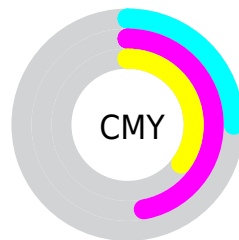


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 155.7510, 23.4710, 20.6790 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 155.7510, 23.4710, 20.6790 by changing the saturation by 10% instead.

 155.7510, 23.4710,
20.6790


 155.7510, 23.4710,
20.6790


255.0000, -0.0000,
-0.0000


 129.4520, 22.8750,
20.4670


 210.7620, 24.9380,
21.6260


 103.7400, 22.0040,
19.7320


 232.5970, 12.1010,
17.4850

 79.1420, 20.8120,
19.3080

 249.7170, 2.4750,
4.7070

 55.1310, 19.3450,
18.3610

 32.5330, 18.1530,
17.9370

 14.5820, 16.4570,
15.6330

 0.0000, 0.0000,

0.0000

■ 155.7510, 23.4710,
20.6790

■ 155.7510, 23.4710,
20.6790

■ 143.5720, 31.5850,
27.8170

■ 167.9300, 15.3570,
13.5410

■ 131.3930, 39.6990,
34.9550

■ 180.1090, 7.2430,
6.4030

■ 119.2140, 47.8130,
42.0930

■ 192.2880, -0.8710,
-0.7350

■ 107.0350, 55.9270,
49.2310

■ 204.4670, -8.9850,
-7.8730

■ 94.2690, 64.3160,
56.8920

■ 217.2330,
-17.3740, -15.5340

■ 82.0900, 72.4300,
64.0300

■ 229.4120,
-25.4880, -22.6720

■ 69.9110, 80.5440,
71.1680

■ 232.7860,
-29.4770, -21.9650

■ 68.6230, 81.4150,
71.9030

■ 233.8120,
-32.3660, -19.1660

■ 234.8380,
-35.2550, -16.3670

Harmonies

Analogous

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



155.3880, 2.5640, 19.6200



155.7510, 23.4710, 20.6790



154.8200, 36.2180, 15.4340

Triad

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



155.7510, 23.4710, 20.6790



149.4250, 17.1960, -14.2920



140.8760, -55.6130, -10.8530

Complementary

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



155.7510, 23.4710, 20.6790



171.2490, -23.4710, -20.6790

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.



139.9550, -48.8260, -18.2180



155.7510, 23.4710, 20.6790



146.2420, -4.3980, -19.4220

Square

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



155.7510, 23.4710, 20.6790



151.7200, 32.7830, -4.9210



142.9110, -28.3310, -20.7070



146.5990, -44.1070, 0.8930

Rectangle

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



155.7510, 23.4710, 20.6790



153.9850, 39.8870, 9.5110



142.9110, -28.3310, -20.7070



139.8820, -55.7500, -13.8780

Sweetspot

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



155.7510, 23.4710, 20.6790



232.9460, 9.2600, 8.3960



150.0440, -2.1590, 22.6170



115.9840, 6.0970, 5.1450



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.



155.7510, 23.4710, 20.6790



191.8440, 36.8110, 32.2270



152.6730, 32.1380, 12.2820



88.2610, 3.7590, 3.4630



56.7040, 67.5250, 59.3090



11.0930, 13.3400, 11.5480

Inverse Universe

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



155.7510, 23.4710, 20.6790



191.8440, 36.8110, 32.2270



174.3270, -32.1380, -12.2820



88.2610, 3.7590, 3.4630



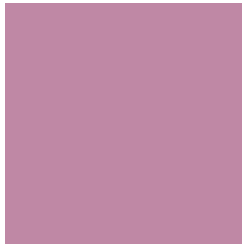
56.7040, 67.5250, 59.3090



11.0930, 13.3400, 11.5480

Previews

White Background



This preview shows how the YIQ color 155.7510, 23.4710, 20.6790 looks on a white background.

Color Contrast Check

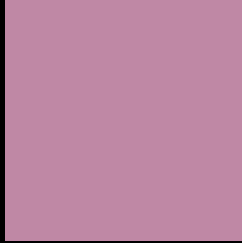
Large Text (above 18pt) WCAG AA × Fail

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 155.7510, 23.4710, 20.6790 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 ✓ Pass

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

YIQ 155.7510, 23.4710, 20.6790

Background



This preview shows how black text looks on a background with the YIQ color 155.7510, 23.4710, 20.6790.



This preview shows how white text looks on a background with the YIQ color 155.7510, 23.4710,

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

155.7510, 23.4710, 20.6790

Protanopia

152.8390, -9.4920, 6.8280

Deuteranopia

153.8960, 3.5290, 7.6330



Tritanopia

155.0900, 26.5900, 13.7100

Trichromacy



Original Color

155.7510, 23.4710, 20.6790

Protanomaly

154.2320, 2.7030, 11.5910

Deuteranomaly

154.9510, 10.8640, 12.3680

Tritanomaly

155.4860, 25.5350, 16.3110

Monochromacy



Original Color

155.7510, 23.4710, 20.6790

Achromatopsia

156.0000, -0.0000, -0.0000

Achromatomaly

156.1200, 8.7100, 7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.7510, 23.4710, 20.6790 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, 136, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 136, 165)  
}
```

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, 136, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 136, 165) }
```

Border

The CSS property to change the border of an element to YIQ 155.7510, 23.4710, 20.6790 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, 136, 165) }
```


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

```
.border{ border-color:rgb(191, 136, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 136, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 136, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 136, 165);  
box-shadow:4px 4px 4px 4px rgb(191, 136,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 155.7510, 23.4710, 20.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 136, 165) }
```

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

```
.background{ background-color: rgb(191,  
136, 165) }
```

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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