

Converting Colors

YIQ(104.6670, 68.9470, 55.5630)

Have a look what the booklet for
YIQ(104.6670, 68.9470, 55.5630)
contains.

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Color

**YIQ(104.6670, 68.9470,
55.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	CD327B
RGB	205, 50, 123
RGB Percent	80%, 20%, 48%
CMY	0.1957, 0.8041, 0.5174
CMYK	0.00, 0.76, 0.40, 0.20
HSL	332°, 61%, 50%
HSV	332°, 76%, 80%
XYZ	29.9224, 16.7013, 20.4036
YIQ	104.6670, 68.9470, 55.5630

Conversions

Conversions Part 2

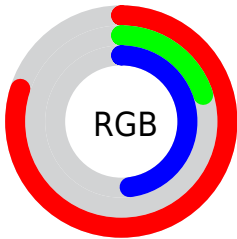
Format	Color
R_{YB}	205, 50, 123
Decimal	13447803
CIE _{Lab}	47.88, 64.79, -4.31
CIE _{LCh}	48, 64.931, 356.195
Yxy	16.7013, 0.4464, 0.2492
Android (android.graphics.Color)	4291637883 (0xFFCD327B)
YUV	104.6670, 9.0382, 87.9920
Hunter-Lab	40.8672, 59.1779, -0.9945

Details

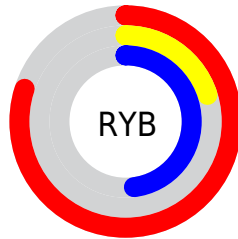
The YIQ color **104.6670, 68.9470, 55.5630** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **150.3330, -68.9470, -55.5630**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7650, 65.5550, 50.9550**, and **51.7910, 62.6660, 53.7540** is the 20% darker color. If you saturate the color by 10%, you get **91.0860, 78.2530, 63.1250**, and if you desaturate by 10%, it is **117.6610, 59.9160, 48.5240**.

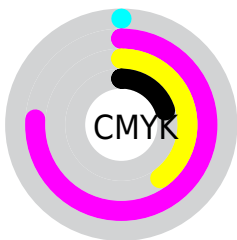
Distribution



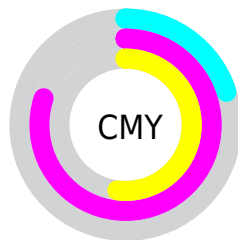
- Red (80%)
- Green (20%)
- Blue (48%)



- Red (80%)
- Yellow (20%)
- Blue (48%)



- Cyan (0%)
- Magenta (76%)
- Yellow (40%)
- Black (20%)




- Cyan (20%)
- Magenta (80%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.6670, 68.9470, 55.5630 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 104.6670, 68.9470, 55.5630 by changing the saturation by 10% instead.


 104.6670, 68.9470,
55.5630


 104.6670, 68.9470,
55.5630


255.0000, -0.0000,
-0.0000


 63.4970, 72.8420,
67.5780


 160.7650, 65.5550,
50.9550


 52.2040, 62.9410,
54.2770


 180.9800, 48.5920,
44.4960

 40.6120, 52.4440,
40.7640


 201.1950, 31.6290,
38.0370

 29.8460, 42.4970,
28.2970

 220.9540, 15.9500,
30.3340

 18.9940, 35.6680,
14.3880

 237.9770, 7.9750,
15.1670

 7.5890, 14.5790,
5.6110

 0.0000, 0.0000,

0.0000

■ 104.6670, 68.9470,
55.5630

■ 104.6670, 68.9470,
55.5630

■ 91.0860, 78.2530,
63.1250

■ 117.6610, 59.9160,
48.5240

■ 78.0920, 87.2840,
70.1640

■ 131.2420, 50.6100,
40.9620

■ 72.3530, 91.0430,
73.6270

■ 144.2360, 41.5790,
33.9230

■ 157.7030, 32.5940,
26.0500

■ 170.6970, 23.5630,
19.0110

■ 184.2780, 14.2570,
11.4490

■ 197.8590, 4.9510,
3.8870

■ 210.8530, -4.0800,
-3.1520

■ 224.4340,
-13.3860, -10.7140

Harmonies

Analogous

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



114.8160, 25.9870, 52.1870



104.6670, 68.9470, 55.5630



103.8050, 85.2730, 35.0090

Triad

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



104.6670, 68.9470, 55.5630



100.5840, 19.8610, -46.0830



102.0280, -102.6550, -6.3270

Complementary

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



104.6670, 68.9470, 55.5630



150.3330, -68.9470, -55.5630

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.



99.3600, -89.6310, -22.1030



104.6670, 68.9470, 55.5630



83.4290, -51.6620, -54.9420

Square

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



104.6670, 68.9470, 55.5630



106.7400, 55.2530, -26.6910



92.3890, -71.3800, -38.9960



97.7370, -105.7290, 5.3350

Rectangle

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



104.6670, 68.9470, 55.5630



106.1950, 83.2140, 11.7420



92.3890, -71.3800, -38.9960



101.7200, -99.0320, -11.4160

Sweetspot

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



104.6670, 68.9470, 55.5630



216.8330, 26.1760, 21.2160



91.5900, -2.0750, 65.1650



104.7020, 15.9990, 12.9190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



104.6670, 68.9470, 55.5630



104.7940, 103.2830, 83.0830



98.1060, 91.5550, 31.2910



95.5600, 4.3550, 3.6750



58.5260, 73.8980, 59.4500



13.4140, 16.8700, 13.6540

Inverse Universe

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



104.6670, 68.9470, 55.5630



104.7940, 103.2830, 83.0830



157.4810, -91.8300, -31.8140



95.5600, 4.3550, 3.6750



58.5260, 73.8980, 59.4500



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 104.6670, 68.9470, 55.5630 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 104.6670, 68.9470, 55.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

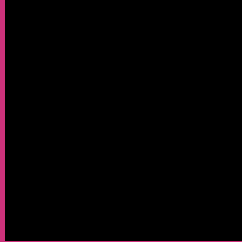
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.6670, 68.9470, 55.5630

Background



This preview shows how black text looks on a background with the YIQ color 104.6670, 68.9470, 55.5630.



This preview shows how white text looks on a background with the YIQ color 104.6670, 68.9470,

55.5630.

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

104.6670, 68.9470, 55.5630

Protanopia

114.5140, -24.3940, 12.5820

Deuteranopia

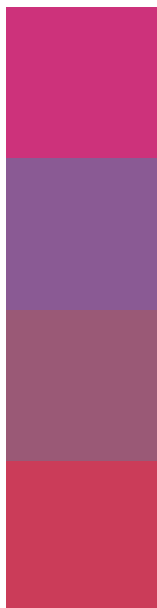
115.6420, 7.0600, 4.2120



Tritanopia

106.4190, 80.3680, 30.2880

Trichromacy



Original Color

104.6670, 68.9470, 55.5630

Protanomaly

110.9640, 9.9900, 28.2140

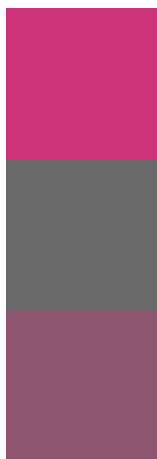
Deuteranomaly

111.7410, 29.4310, 22.7990

Tritanomaly

106.0630, 75.9190, 39.3350

Monochromacy



Original Color

104.6670, 68.9470, 55.5630

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8220, 24.7090, 20.2690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.6670, 68.9470, 55.5630 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(205, 50, 123)` looks like.

```
.text, #text, p{  
    color:rgb(205, 50, 123)  
}
```

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(205, 50, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 50, 123) }
```

Border

The CSS property to change the border of an element to YIQ 104.6670, 68.9470, 55.5630 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(205, 50, 123) }
```


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

```
.border{ border-color:rgb(205, 50, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 50, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 50, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 50, 123);  
box-shadow:4px 4px 4px 4px rgb(205, 50,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 104.6670, 68.9470, 55.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 50, 123) }
```

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

```
.background{ background-color: rgb(205, 50,  
123) }
```

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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