

Converting Colors

YIQ(104.2090, 45.0680, 9.2280)

Have a look what the booklet for
YIQ(104.2090, 45.0680, 9.2280)
contains.

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Color

**YIQ(104.2090, 45.0680,
9.2280)**

Conversions

Conversions Part 1

Format	Color
Hex	995646
RGB	153, 86, 70
RGB Percent	60%, 34%, 27%
CMY	0.3999, 0.6628, 0.7253
CMYK	0.00, 0.44, 0.54, 0.40
HSL	12°, 37%, 44%
HSV	12°, 54%, 60%
XYZ	17.5766, 13.8699, 7.5532
YIQ	104.2090, 45.0680, 9.2280

Conversions

Conversions Part 2

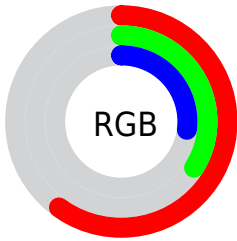
Format	Color
R _Y B	153, 90, 70
Decimal	10049094
CIE Lab	44.05, 26.04, 21.35
CIE LCh	44, 33.677, 39.342
Yxy	13.8699, 0.4507, 0.3556
Android (android.graphics.Color)	4288239174 (0xFF995646)
YUV	104.2090, -16.8650, 42.7897
Hunter-Lab	37.2423, 19.0696, 14.0449

Details

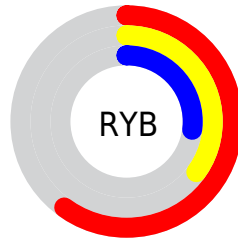
The YIQ color **104.2090, 45.0680, 9.2280** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **118.7910, -45.0680, -9.2280**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.7750, 49.2860, 9.8780**, and **55.1590, 39.3370, 8.4650** is the 20% darker color. If you saturate the color by 10%, you get **95.4550, 53.1830, 10.8390**, and if you desaturate by 10%, it is **112.9630, 36.9530, 7.6170**.

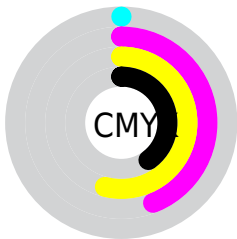
Distribution



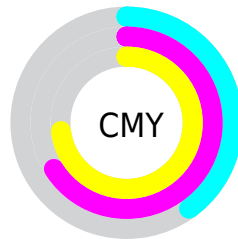
- Red (60%)
- Green (34%)
- Blue (27%)



- Red (60%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (40%)





- Cyan (40%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 104.2090, 45.0680, 9.2280 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 104.2090, 45.0680, 9.2280 by changing the saturation by 10% instead.


 104.2090, 45.0680,
9.2280

 104.2090, 45.0680,
9.2280


255.0000, -0.0000,
-0.0000


 79.2410, 42.0420,
9.0020


 156.7750, 49.2860,
9.8780


 55.1590, 39.3370,
8.4650


 183.8570, 51.9910,
10.4150


 30.4470, 38.4660,
7.7300

 207.8560, 44.5640,
7.3480

 14.0530, 28.0120,
9.9640

 227.3700, 28.1970,
1.1010

 0.2990, 0.5960,
0.2120

 246.9980, 11.5090,
-4.8350

 0.0000, 0.0000,
0.0000

■ 104.2090, 45.0680,
9.2280

■ 104.2090, 45.0680,
9.2280

■ 95.4550, 53.1830,
10.8390

■ 112.9630, 36.9530,
7.6170

■ 86.0000, 61.8940,
12.6620

■ 122.4180, 28.2420,
5.7940

■ 77.2460, 70.0090,
14.2730

■ 131.1720, 20.1270,
4.1830

■ 68.4920, 78.1240,
15.8840

■ 139.9260, 12.0120,
2.5720

■ 62.7700, 83.2130,
17.2690

■ 149.3810, 3.3010,
0.7490

■ 158.1350, -4.8140,
-0.8620

■ 167.4760,
-13.2040, -2.9960

■ 176.2300,

-21.3190, -4.6070

■ 185.0980,
-29.7550, -5.9070

Harmonies

Analogous

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



105.4340, 40.4810, 20.7770



104.2090, 45.0680, 9.2280



103.2430, 38.5600, -4.9920

Triad

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



104.2090, 45.0680, 9.2280



90.9980, -33.1900, -26.2620



101.3000, -35.5350, 10.7450

Complementary

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



104.2090, 45.0680, 9.2280



118.7910, -45.0680, -9.2280

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.



83.5280, -80.8760, -10.0600



104.2090, 45.0680, 9.2280



82.6210, -68.6770, -27.4050

Square

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



104.2090, 45.0680, 9.2280



97.5750, -1.1420, -23.3660



84.5250, -76.7940, -17.9620



106.7450, -2.7550, 22.4050

Rectangle

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



104.2090, 45.0680, 9.2280



101.4110, 28.9790, -13.0770



84.5250, -76.7940, -17.9620



97.1950, -48.6010, 5.2470

Sweetspot

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



104.2090, 45.0680, 9.2280



180.0900, 17.4220, 3.6460



102.5690, 27.6400, 38.7440



88.1430, 9.9030, 2.2470



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



104.2090, 45.0680, 9.2280



122.6590, 70.2840, 14.7960



128.2760, 33.7930, -12.2150



71.9790, 4.4930, 1.1730



57.7090, 76.0150, 15.5590



5.0610, 7.1980, 1.7100

Inverse Universe

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



118.7910, -45.0680, -9.2280



145.7540, -70.0090, -14.2730



94.7240, -33.7930, 12.2150



73.4340, -4.2180, -0.6500



82.2910, -76.0150, -15.5590



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 104.2090, 45.0680, 9.2280 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 104.2090, 45.0680, 9.2280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

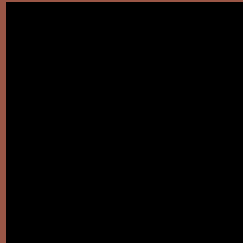
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.2090, 45.0680, 9.2280

Background



This preview shows how black text looks on a background with the YIQ color 104.2090, 45.0680, 9.2280.



This preview shows how white text looks on a background with the YIQ color 104.2090, 45.0680,

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

104.2090, 45.0680, 9.2280

Protanopia

104.0150, 12.8390, -6.9130

Deuteranopia

104.0120, 26.0890, -4.7510



Tritanopia

104.9130, 40.3900, 16.9180

Trichromacy



Original Color

104.2090, 45.0680, 9.2280

Protanomaly

104.0490, 24.6670, -1.0050

Deuteranomaly

104.1810, 33.1030, 0.2950

Tritanomaly

104.7020, 42.3620, 14.2180

Monochromacy



Original Color

104.2090, 45.0680, 9.2280

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.9050, 16.5050, 3.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.2090, 45.0680, 9.2280 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(153, 86, 70)` looks like.

```
.text, #text, p{  
    color:rgb(153, 86, 70)  
}
```

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(153, 86, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 86, 70) }
```

Border

The CSS property to change the border of an element to YIQ 104.2090, 45.0680, 9.2280 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(153, 86, 70) }
```


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

```
.border{ border-color:rgb(153, 86, 70) }
```

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

Here you see how a box with a 4 pixel rgb(153, 86, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 86, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 86, 70);  
box-shadow:4px 4px 4px 4px rgb(153, 86,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 104.2090, 45.0680, 9.2280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 86, 70) }
```

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

```
.background{ background-color: rgb(153, 86,  
70) }
```

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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