

Converting Colors

YIQ(96.6810, 20.4920, 14.0920)

Have a look what the booklet for
YIQ(96.6810, 20.4920, 14.0920)
contains.

YIQ(96.6810, 20.4920, 14.0920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(96.6810, 20.4920,
14.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5262
RGB	125, 82, 98
RGB Percent	49%, 32%, 38%
CMY	0.5097, 0.6785, 0.6156
CMYK	0.00, 0.34, 0.22, 0.51
HSL	338°, 21%, 41%
HSV	338°, 34%, 49%
XYZ	13.6830, 11.2762, 13.0150
YIQ	96.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

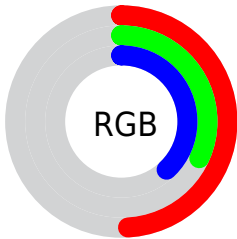
Format	Color
R_{YB}	125, 82, 98
Decimal	8213090
CIE _{Lab}	40.04, 20.49, -1.90
CIE _{LCh}	40, 20.578, 354.713
Yxy	11.2762, 0.3603, 0.2969
Android (android.graphics.Color)	4286403170 (0xFF7D5262)
YUV	96.6810, 0.6503, 24.8358
Hunter-Lab	33.5800, 13.9692, 0.5263

Details

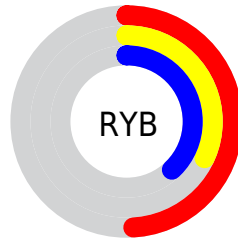
The YIQ color **96.6810, 20.4920, 14.0920** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **110.3190, -20.4920, -14.0920**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.6920, 21.9590, 15.0390**, and **49.4850, 18.1080, 13.2440** is the 20% darker color. If you saturate the color by 10%, you get **88.1380, 26.6350, 18.4030**, and if you desaturate by 10%, it is **104.6370, 14.6240, 10.3040**.

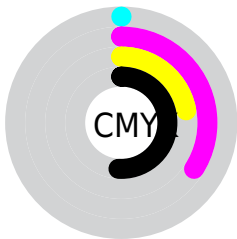
Distribution



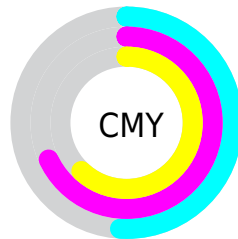
- Red (49%)
- Green (32%)
- Blue (38%)



- Red (49%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.6810, 20.4920, 14.0920 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 96.6810, 20.4920, 14.0920 by changing the saturation by 10% instead.

■ 96.6810, 20.4920,
14.0920

■ 96.6810, 20.4920,
14.0920

■ 255.0000, -0.0000,
-0.0000

■ 72.0830, 19.3000,
13.6680

■ 147.9910, 22.5550,
15.2510

■ 49.4850, 18.1080,
13.2440

■ 174.2900, 23.1510,
15.4630

■ 27.0010, 16.5950,
13.1310

■ 202.0020, 24.0220,
16.1980

■ 10.5510, 17.7420,
8.8620

■ 227.6100, 19.2540,
14.5020

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.5750,
6.7990

96.6810, 20.4920,
14.0920

96.6810, 20.4920,
14.0920

88.1380, 26.6350,
18.4030

104.6370, 14.6240,
10.3040

80.1820, 32.5030,
22.1910

113.1800, 8.4810,
5.9930

71.6390, 38.6460,
26.5020

121.1360, 2.6130,
2.2050

63.7970, 44.1930,
30.6010

129.5650, -3.2090,
-2.4170

55.2540, 50.3360,
34.9120

137.5210, -9.0770,
-6.2050

47.2980, 56.2040,
38.7000


146.0640,
-15.2200, -10.5160

42.7330, 59.4130,
41.1170

154.6070,
-21.3630, -14.8270

162.5630,

-27.2310, -18.6150

 171.1060,
-33.3740, -22.9260

Harmonies

Analogous

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



96.6780, 7.3790, 14.9550



96.6810, 20.4920, 14.0920



96.2270, 27.4620, 8.9180

Triad

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



96.6810, 20.4920, 14.0920



92.2160, 7.6590, -12.1570



86.5360, -39.7960, -5.6520

Complementary

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



96.6810, 20.4920, 14.0920



110.3190, -20.4920, -14.0920

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.



84.4340, -39.7490, -12.0130



96.6810, 20.4920, 14.0920



89.2510, -8.6170, -14.5450

Square

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



96.6810, 20.4920, 14.0920



93.5490, 20.0830, -6.0370



86.6820, -25.9480, -14.3320



91.4500, -27.5100, 2.9700

Rectangle

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



96.6810, 20.4920, 14.0920



95.3640, 28.3340, 4.1260



86.6820, -25.9480, -14.3320



85.1720, -41.7670, -8.4790

Sweetspot

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



96.6810, 20.4920, 14.0920



152.4680, 7.6100, 5.2580



94.9750, 2.2890, 19.0970



75.3320, 4.9970, 3.0530



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



96.6810, 20.4920, 14.0920



118.8830, 31.9070, 21.9790



97.7920, 24.2530, 6.5010



59.4350, 3.2090, 2.4170



43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.6810, 20.4920, 14.0920



118.8830, 31.9070, 21.9790



109.2080, -24.2530, -6.5010



59.4350, 3.2090, 2.4170



43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 96.6810, 20.4920, 14.0920 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 96.6810, 20.4920, 14.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

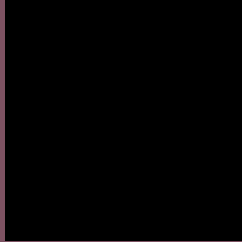
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.6810, 20.4920, 14.0920

Background



This preview shows how black text looks on a background with the YIQ color 96.6810, 20.4920, 14.0920.



This preview shows how white text looks on a background with the YIQ color 96.6810, 20.4920,

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

96.6810, 20.4920, 14.0920

Protanopia

94.9550, -4.1270, 3.2090

Deuteranopia

95.7450, 5.2720, 3.5760



Tritanopia

96.0570, 22.1890, 10.8690

Trichromacy



Original Color

96.6810, 20.4920, 14.0920

Protanomaly

95.8530, 5.0880, 6.9120

Deuteranomaly

95.9030, 10.8190, 7.6750

Tritanomaly

96.3990, 21.2260, 11.8020

Monochromacy



Original Color

96.6810, 20.4920, 14.0920

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.6810, 20.4920, 14.0920 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(125, 82, 98)` looks like.

```
.text, #text, p{  
    color:rgb(125, 82, 98)  
}
```

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(125, 82, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 82, 98) }
```

Border

The CSS property to change the border of an element to YIQ 96.6810, 20.4920, 14.0920 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(125, 82, 98) }
```


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

```
.border{ border-color:rgb(125, 82, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 82, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 82, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 82, 98);  
box-shadow:4px 4px 4px 4px rgb(125, 82,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 96.6810, 20.4920, 14.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 82, 98) }
```

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

```
.background{ background-color: rgb(125, 82,  
98) }
```

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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