

Converting Colors

YIQ(121.8710, 40.2080, 9.2000)

Have a look what the booklet for
YIQ(121.8710, 40.2080, 9.2000)
contains.

YIQ(121.8710, 40.2080, 9.2000)	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(121.8710, 40.2080,
9.2000)**

Conversions

Conversions Part 1

Format	Color
Hex	A6695D
RGB	166, 105, 93
RGB Percent	65%, 41%, 36%
CMY	0.3489, 0.5883, 0.6351
CMYK	0.00, 0.37, 0.44, 0.35
HSL	10°, 29%, 51%
HSV	10°, 44%, 65%
XYZ	22.7599, 18.9998, 12.8337
YIQ	121.8710, 40.2080, 9.2000

Conversions

Conversions Part 2

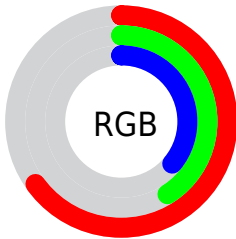
Format	Color
R_{YB}	166, 107, 93
Decimal	10905949
CIE _{Lab}	50.69, 23.05, 16.92
CIE _{LCh}	51, 28.589, 36.281
Yxy	18.9998, 0.4169, 0.3480
Android (android.graphics.Color)	4289096029 (0xFFA6695D)
YUV	121.8710, -14.2334, 38.7011
Hunter-Lab	43.5887, 16.9236, 13.0556

Details

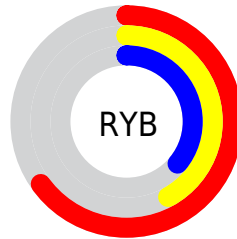
The YIQ color **121.8710, 40.2080, 9.2000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **137.1290, -40.2080, -9.2000**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.1380, 43.8300, 9.6380**, and **72.0060, 35.3940, 8.3380** is the 20% darker color. If you saturate the color by 10%, you get **111.7150, 49.5150, 11.2350**, and if you desaturate by 10%, it is **132.0270, 30.9010, 7.1650**.

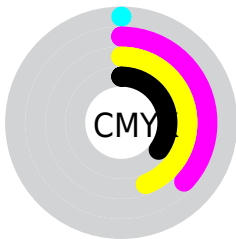
Distribution



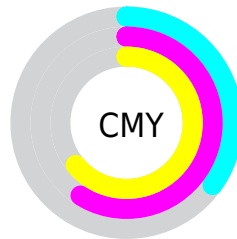
- Red (65%)
- Green (41%)
- Blue (36%)



- Red (65%)
- Yellow (42%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (44%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8710, 40.2080, 9.2000 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 121.8710, 40.2080, 9.2000 by changing the saturation by 10% instead.

121.8710, 40.2080,
9.2000

121.8710, 40.2080,
9.2000

255.0000, -0.0000,
-0.0000

96.0880, 38.0990,
8.8750

175.1380, 43.8300,
9.6380

72.0060, 35.3940,
8.3380

203.0350, 45.6180,
10.2740

48.3370, 32.9640,
8.3240

223.1470, 30.4430,
4.4510

24.3970, 32.7350,
6.9670

242.7750, 13.7550,
-1.4850

11.4760, 22.3270,
8.3670

254.8860, 0.3210,
-0.3110

0.0000, 0.0000,
0.0000

■ 121.8710, 40.2080,
9.2000

■ 121.8710, 40.2080,
9.2000

■ 111.7150, 49.5150,
11.2350

■ 132.0270, 30.9010,
7.1650

■ 101.6730, 58.5010,
13.5810

■ 142.0690, 21.9150,
4.8190

■ 91.5170, 67.8080,
15.6160

■ 152.2250, 12.6080,
2.7840

■ 81.4750, 76.7940,
17.9620

■ 162.2670, 3.6220,
0.4380

■ 71.9060, 85.8260,
19.4740

■ 171.8360, -5.4100,
-1.0740

■ 65.4830, 91.5110,
21.0710

■ 181.9920,
-14.7170, -3.1090

■ 192.0340,
-23.7030, -5.4550

■ 202.1900,

-33.0100, -7.4900

■ 212.2320,
-41.9960, -9.8360

Harmonies

Analogous

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



123.3300, 34.8420, 18.3460



121.8710, 40.2080, 9.2000



120.2690, 35.6710, -2.1930

Triad

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



121.8710, 40.2080, 9.2000



111.6080, -23.1040, -21.8240



118.3990, -31.5000, 9.2040

Complementary

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



121.8710, 40.2080, 9.2000



137.1290, -40.2080, -9.2000

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.



109.4940, -57.1730, -4.6050



121.8710, 40.2080, 9.2000



105.7650, -51.3470, -22.0910

Square

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



121.8710, 40.2080, 9.2000



116.0640, 1.9750, -19.2810



101.3360, -71.8880, -18.7680



122.8540, -4.6800, 18.7440

Rectangle

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



121.8710, 40.2080, 9.2000



119.3340, 27.8780, -9.6420



101.3360, -71.8880, -18.7680



116.2730, -40.0730, 4.8790

Sweetspot

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



121.8710, 40.2080, 9.2000



199.7200, 15.5880, 3.8440



121.8950, 23.6060, 34.7580



99.1430, 9.9030, 2.2470



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.8710, 40.2080, 9.2000



147.5380, 63.3150, 14.4430



142.4160, 30.5830, -9.1050



78.9790, 4.4930, 1.1730



58.3400, 81.6080, 18.8240



7.7410, 11.0950, 2.6710

Inverse Universe

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



137.1290, -40.2080, -9.2000



171.4620, -63.3150, -14.4430



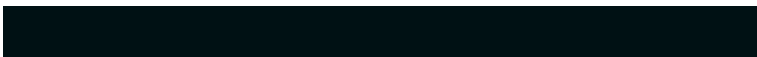
116.5840, -30.5830, 9.1050



81.0210, -4.4930, -1.1730



89.6600, -81.6080, -18.8240



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 121.8710, 40.2080, 9.2000 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 121.8710, 40.2080, 9.2000 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 121.8710, 40.2080, 9.2000

Background



This preview shows how black text looks on a background with the YIQ color 121.8710, 40.2080, 9.2000.



This preview shows how white text looks on a background with the YIQ color 121.8710, 40.2080,

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

121.8710, 40.2080, 9.2000

Protanopia

120.6990, 10.9130, -5.0470

Deuteranopia

121.2230, 24.1170, -2.0510



Tritanopia

122.3470, 36.1720, 16.2680

Trichromacy



Original Color

121.8710, 40.2080, 9.2000

Protanomaly

121.0210, 21.8700, 0.1260

Deuteranomaly

121.3810, 29.6640, 2.0480

Tritanomaly

122.2500, 37.8230, 13.8790

Monochromacy



Original Color

121.8710, 40.2080, 9.2000

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0080, 14.7170, 3.1090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8710, 40.2080, 9.2000 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(166, 105, 93)` looks like.

```
.text, #text, p{  
    color:rgb(166, 105, 93)  
}
```

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(166, 105, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 105, 93) }
```

Border

The CSS property to change the border of an element to YIQ 121.8710, 40.2080, 9.2000 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(166, 105, 93) }
```


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

```
.border{ border-color:rgb(166, 105, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 105, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 105, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 105, 93);  
box-shadow:4px 4px 4px 4px rgb(166, 105,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8710, 40.2080, 9.2000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 105, 93) }
```

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

```
.background{ background-color: rgb(166,  
105, 93) }
```

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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