

Converting Colors

YIQ(90.7140, 24.8930, 16.9330)

Have a look what the booklet for
YIQ(90.7140, 24.8930, 16.9330)
contains.

YIQ(90.7140, 24.8930, 16.9330)	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(90.7140, 24.8930,
16.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	7D495C
RGB	125, 73, 92
RGB Percent	49%, 29%, 36%
CMY	0.5097, 0.7138, 0.6391
CMYK	0.00, 0.42, 0.26, 0.51
HSL	338°, 26%, 39%
HSV	338°, 42%, 49%
XYZ	12.7763, 9.8979, 11.3672
YIQ	90.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

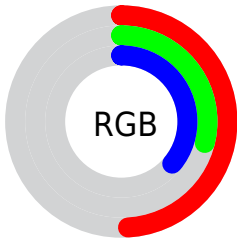
Format	Color
R_{YB}	125, 73, 92
Decimal	8210780
CIE Lab	37.66, 24.84, -1.66
CIE LCh	38, 24.898, 356.180
Yxy	9.8979, 0.3753, 0.2908
Android (android.graphics.Color)	4286400860 (0xFF7D495C)
YUV	90.7140, 0.6340, 30.0688
Hunter-Lab	31.4609, 17.4325, 0.6004

Details

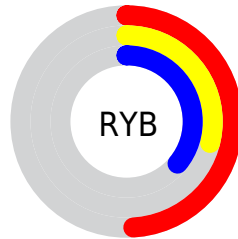
The YIQ color **90.7140, 24.8930, 16.9330** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.2860, -24.8930, -16.9330**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.9100, 27.2770, 17.7810**, and **43.2190, 21.9130, 15.8730** is the 20% darker color. If you saturate the color by 10%, you get **82.1710, 31.0360, 21.2440**, and if you desaturate by 10%, it is **98.6700, 19.0250, 13.1450**.

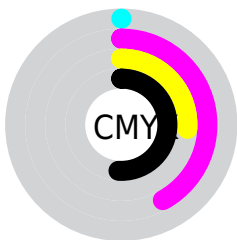
Distribution



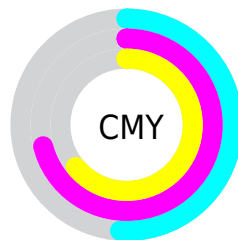
- Red (49%)
- Green (29%)
- Blue (36%)



- Red (49%)
- Yellow (29%)
- Blue (36%)



- Cyan (0%)
- Magenta (42%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.7140, 24.8930, 16.9330 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 90.7140, 24.8930, 16.9330 by changing the saturation by 10% instead.

■ 90.7140, 24.8930,
16.9330

■ 90.7140, 24.8930,
16.9330

255.0000, -0.0000,
-0.0000

■ 66.8170, 23.1050,
16.2970

■ 141.9100, 27.2770,
17.7810

■ 43.2190, 21.9130,
15.8730

■ 168.6220, 28.1480,
18.5160

■ 20.2620, 20.3540,
16.5940

■ 196.2200, 29.3400,
18.9400

■ 8.4860, 16.3670,
6.2470

■ 220.9420, 24.2510,
17.5550

■ 0.0000, 0.0000,
0.0000

■ 241.1570, 7.2880,
11.0960

■ 90.7140, 24.8930,
16.9330

■ 90.7140, 24.8930,
16.9330

■ 82.1710, 31.0360,
21.2440

■ 98.6700, 19.0250,
13.1450

■ 74.2150, 36.9040,
25.0320

■ 107.2130, 12.8820,
8.8340

■ 65.6720, 43.0470,
29.3430

■ 115.1690, 7.0140,
5.0460

■ 57.7160, 48.9150,
33.1310

■ 123.7120, 0.8710,
0.7350

■ 49.1730, 55.0580,
37.4420

■ 131.6680, -4.9970,
-3.0530

■ 42.6190, 59.7340,
40.8060

■ 140.2110,
-11.1400, -7.3640

■ 148.7540,
-17.2830, -11.6750

■ 156.5960,

-22.8300, -15.7740

■ 165.1390,
-28.9730, -20.0850

Harmonies

Analogous

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



91.0420, 9.3500, 17.7820



90.7140, 24.8930, 16.9330



89.6190, 32.2300, 10.6140

Triad

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



90.7140, 24.8930, 16.9330



85.6350, 7.7970, -14.6590



72.8370, -59.8770, -10.6690

Complementary

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



90.7140, 24.8930, 16.9330



107.2860, -24.8930, -16.9330

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.



70.1970, -61.2510, -18.8110



90.7140, 24.8930, 16.9330



82.4030, -12.1010, -17.4850

Square

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



90.7140, 24.8930, 16.9330



87.6370, 22.6510, -8.5250



77.0720, -36.0340, -18.7700



84.1550, -33.9290, 3.6630

Rectangle

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



90.7140, 24.8930, 16.9330



88.8160, 32.8730, 4.4650



77.0720, -36.0340, -18.7700



70.8640, -64.5070, -14.8670

Sweetspot

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



90.7140, 24.8930, 16.9330



150.4790, 9.0770, 6.2050



88.7950, 2.9760, 23.1680



74.0440, 5.8680, 3.7880



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.



90.7140, 24.8930, 16.9330



109.5250, 38.9670, 26.1910



92.6570, 29.0670, 7.3630



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.



90.7140, 24.8930, 16.9330



109.5250, 38.9670, 26.1910



105.3430, -29.0670, -7.3630



59.4350, 3.2090, 2.4170



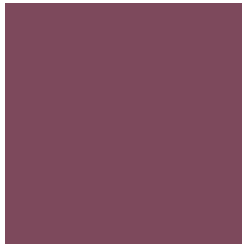
43.6300, 61.2010, 41.7530



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 90.7140, 24.8930, 16.9330 looks on a white background.

Color Contrast Check

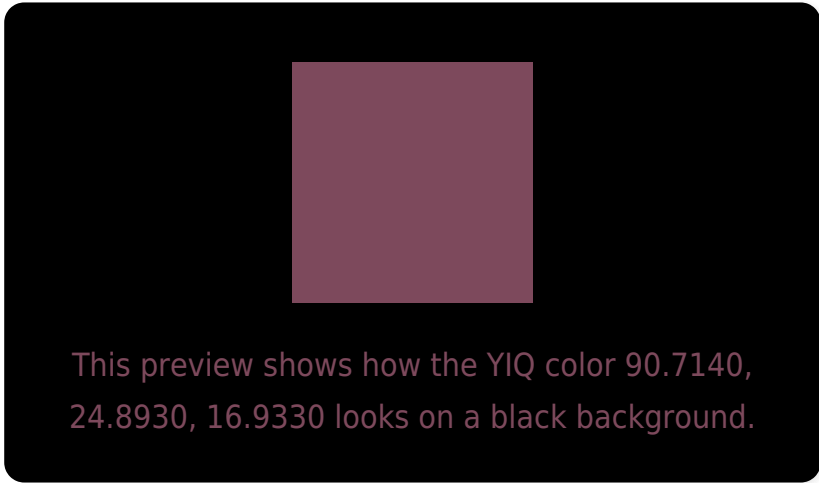
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

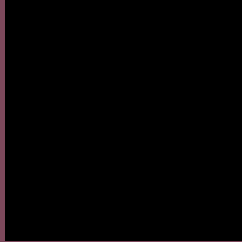
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.7140, 24.8930, 16.9330

Background



This preview shows how black text looks on a background with the YIQ color 90.7140, 24.8930, 16.9330.



This preview shows how white text looks on a background with the YIQ color 90.7140, 24.8930,

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

90.7140, 24.8930, 16.9330

Protanopia

89.2970, -5.0900, 4.1420

Deuteranopia

89.7450, 5.2720, 3.5760



Tritanopia

90.3350, 27.2780, 12.2540

Trichromacy



Original Color

90.7140, 24.8930, 16.9330

Protanomaly

90.0920, 5.9130, 8.4810

Deuteranomaly

89.9140, 12.2860, 8.6220

Tritanomaly

90.2040, 26.2690, 14.0210

Monochromacy



Original Color

90.7140, 24.8930, 16.9330

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.4790, 9.0770, 6.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.7140, 24.8930, 16.9330 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, 73, 92)` looks like.

```
.text, #text, p{  
    color:rgb(125, 73, 92)  
}
```

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, 73, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 73, 92) }
```

Border

The CSS property to change the border of an element to YIQ 90.7140, 24.8930, 16.9330 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, 73, 92) }
```


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

```
.border{ border-color:rgb(125, 73, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 73, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 73, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 73, 92);  
box-shadow:4px 4px 4px 4px rgb(125, 73,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 90.7140, 24.8930, 16.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 73, 92) }
```

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

```
.background{ background-color: rgb(125, 73,  
92) }
```

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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