

Converting Colors

YIQ(90.0510, 5.1310, 22.6590)

Have a look what the booklet for
YIQ(90.0510, 5.1310, 22.6590)
contains.

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Color

**YIQ(90.0510, 5.1310,
22.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4A7B
RGB	109, 74, 123
RGB Percent	43%, 29%, 48%
CMY	0.5724, 0.7099, 0.5177
CMYK	0.11, 0.40, 0.00, 0.52
HSL	283°, 25%, 39%
HSV	283°, 40%, 48%
XYZ	12.3329, 9.5786, 19.9363
YIQ	90.0510, 5.1310, 22.6590

Conversions

Conversions Part 2

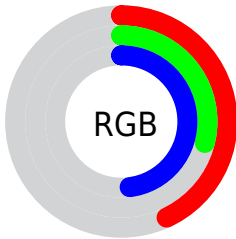
Format	Color
R_{YB}	109, 74, 123
Decimal	7162491
CIE _{Lab}	37.08, 24.36, -22.06
CIE _{LCh}	37, 32.863, 317.836
Yxy	9.5786, 0.2947, 0.2289
Android (android.graphics.Color)	4285352571 (0xFF6D4A7B)
YUV	90.0510, 16.2439, 16.6183
Hunter-Lab	30.9493, 16.9687, -16.5276

Details

The YIQ color **90.0510, 5.1310, 22.6590** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106.9490, -5.1310, -22.6590**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.4040, 5.6350, 24.5390**, and **43.3990, 4.0310, 20.5670** is the 20% darker color. If you saturate the color by 10%, you get **82.1100, 6.6430, 28.2990**, and if you desaturate by 10%, it is **98.2910, 4.2150, 17.2310**.

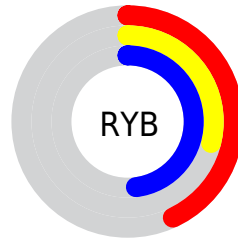
Distribution



Red (43%)

Green (29%)

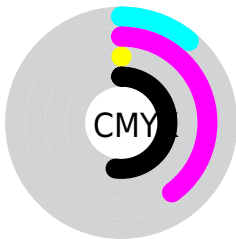
Blue (48%)



Red (43%)

Yellow (29%)

Blue (48%)

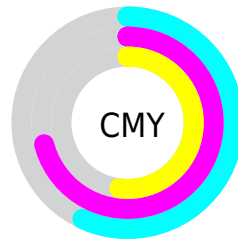


Cyan (11%)

Magenta (40%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.0510, 5.1310, 22.6590 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 90.0510, 5.1310, 22.6590 by changing the saturation by 10% instead.

■ 90.0510, 5.1310,
22.6590

■ 90.0510, 5.1310,
22.6590

■ 255.0000, -0.0000,
-0.0000

■ 66.2250, 4.5810,
21.6130

■ 140.4040, 5.6350,
24.5390

■ 43.3990, 4.0310,
20.5670

■ 167.1160, 6.5060,
25.2740

■ 20.9860, 3.7560,
20.0440

■ 194.5290, 6.7810,
25.7970

■ 6.7090, -3.0740,
11.6620

■ 222.0730, 8.0650,
24.5530

■ 0.0000, 0.0000,
0.0000

■ 241.4990, 6.3250,
12.0290

90.0510, 5.1310,
22.6590

90.0510, 5.1310,
22.6590

82.1100, 6.6430,
28.2990

98.2910, 4.2150,
17.2310

73.2830, 7.8340,
34.2500

106.8190, 2.4280,
11.0680

65.3420, 9.3460,
39.8900

115.0590, 1.5120,
5.6400

57.1020, 10.2620,
45.3180

123.0000, -0.0000,
-0.0000

48.5740, 12.0490,
51.4810

131.2400, -0.9160,
-5.4280

40.3340, 12.9650,
56.9090

139.7680, -2.7030,
-11.5910

148.0080, -3.6190,
-17.0190

155.9490, -5.1310,

-22.6590

■ 164.7760, -6.3220,
-28.6100

Harmonies

Analogous

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



86.8560, -25.3570, 13.5150



90.0510, 5.1310, 22.6590



89.1970, 28.1470, 24.0430

Triad

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



90.0510, 5.1310, 22.6590



85.4980, 33.2880, -8.5680



71.0290, -60.8380, -20.7900

Complementary

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



90.0510, 5.1310, 22.6590



106.9490, -5.1310, -22.6590

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.



67.2500, -51.5750, -28.9750



90.0510, 5.1310, 22.6590



83.3060, 15.9130, -18.5750

Square

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



90.0510, 5.1310, 22.6590



86.4210, 41.3550, 4.9310



79.6820, -8.7530, -23.0970



71.8900, -67.3960, -12.0680

Rectangle

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



90.0510, 5.1310, 22.6590



87.4660, 37.4550, 20.5510



79.6820, -8.7530, -23.0970



70.0030, -57.9490, -23.5890

Sweetspot

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



90.0510, 5.1310, 22.6590



147.4660, 1.9240, 9.1880



88.3910, -19.8540, 7.3940



73.7600, 0.9160, 5.4280



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.



90.0510, 5.1310, 22.6590



109.2230, 8.0630, 35.6070



93.0970, 16.6850, 22.5170



56.8800, 0.4580, 2.7140



40.8610, 12.9190, 57.7430



82.8470, 26.9840, 116.7440

Inverse Universe

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



90.2470, 24.7100, 14.7420



109.5310, 38.8300, 23.1660



103.9030, -16.6850, -22.5170



57.0220, 2.9340, 1.8940



41.4790, 62.9440, 37.6960



83.5560, 127.0800, 75.8160

Previews

White Background



This preview shows how the YIQ color 90.0510, 5.1310, 22.6590 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



This preview shows how the YIQ color 90.0510, 5.1310, 22.6590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

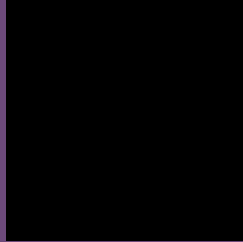
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.0510, 5.1310, 22.6590

Background



This preview shows how black text looks on a background with the YIQ color 90.0510, 5.1310, 22.6590.



This preview shows how white text looks on a background with the YIQ color 90.0510, 5.1310,

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

90.0510, 5.1310, 22.6590

Protanopia

86.8730, -24.0270, 11.4370

Deuteranopia

87.2990, -16.5990, 8.9770



Tritanopia

89.2620, 11.1860, 6.5300

Trichromacy



Original Color

90.0510, 5.1310, 22.6590

Protanomaly

88.2550, -13.2990, 15.2530

Deuteranomaly

88.6530, -8.6680, 13.9240

Tritanomaly

89.5810, 9.0300, 12.5660

Monochromacy



Original Color

90.0510, 5.1310, 22.6590

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

89.9390, 1.9700, 8.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.0510, 5.1310, 22.6590 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(109, 74, 123)` looks like.

```
.text, #text, p{  
    color:rgb(109, 74, 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(109, 74, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 74, 123) }
```

Border

The CSS property to change the border of an element to YIQ 90.0510, 5.1310, 22.6590 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(109, 74, 123) }
```


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

```
.border{ border-color:rgb(109, 74, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 74, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 74, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 74, 123); box-shadow:4px 4px 4px 4px rgb(109, 74, 123) }
```

Background

The CSS property to change the background color of an element to YIQ 90.0510, 5.1310, 22.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 74, 123) }
```

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

```
.background{ background-color: rgb(109, 74,  
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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