

Converting Colors

YIQ(90.2570, 1.5550, 21.3870)

Have a look what the booklet for
YIQ(90.2570, 1.5550, 21.3870)
contains.

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Color

**YIQ(90.2570, 1.5550,
21.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	694C7D
RGB	105, 76, 125
RGB Percent	41%, 30%, 49%
CMY	0.5881, 0.7020, 0.5098
CMYK	0.16, 0.39, 0.00, 0.51
HSL	276°, 24%, 39%
HSV	276°, 39%, 49%
XYZ	12.1134, 9.6525, 20.6240
YIQ	90.2570, 1.5550, 21.3870

Conversions

Conversions Part 2

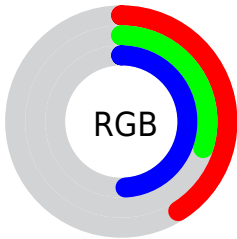
Format	Color
R_{YB}	105, 76, 125
Decimal	6900861
CIE _{Lab}	37.21, 22.26, -23.12
CIE _{LCh}	37, 32.092, 313.921
Yxy	9.6525, 0.2858, 0.2277
Android (android.graphics.Color)	4285090941 (0xFF694C7D)
YUV	90.2570, 17.1283, 12.9296
Hunter-Lab	31.0684, 15.2266, -17.6102

Details

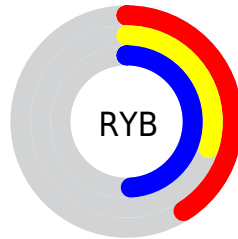
The YIQ color **90.2570, 1.5550, 21.3870** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.7430, -1.5550, -21.3870**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.6100, 2.0590, 23.2670**, and **43.6050, 0.4550, 19.2950** is the 20% darker color. If you saturate the color by 10%, you get **81.1310, 2.1500, 27.1260**, and if you desaturate by 10%, it is **98.7960, 1.2350, 16.1710**.

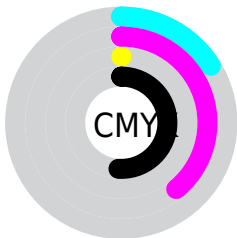
Distribution



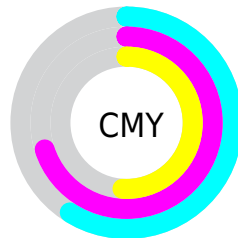
- Red (41%)
- Green (30%)
- Blue (49%)



- Red (41%)
- Yellow (30%)
- Blue (49%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (51%)




- Cyan (59%)
- Magenta (70%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 90.2570, 1.5550, 21.3870 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 90.2570, 1.5550, 21.3870 by changing the saturation by 10% instead.


 90.2570, 1.5550,
21.3870

 90.2570, 1.5550,
21.3870


255.0000, -0.0000,
-0.0000

 66.4310, 1.0050,
20.3410


 140.6100, 2.0590,
23.2670


 43.6050, 0.4550,
19.2950


 167.0230, 2.3340,
23.7900

 22.0780, 0.5010,
18.4610

 194.5500, 2.2880,
24.6240

 5.0290, -6.9710,
10.7010

 222.0510, 5.1310,
22.6590

 0.3420, -0.9630,
0.9330

 242.6730, 5.7750,
10.9830

 0.0000, 0.0000,
0.0000

90.2570, 1.5550,
21.3870

90.2570, 1.5550,
21.3870

81.1310, 2.1500,
27.1260

98.7960, 1.2350,
16.1710

72.5920, 2.4700,
32.3420

107.9220, 0.6400,
10.4320

63.4660, 3.0650,
38.0810

116.4610, 0.3200,
5.2160

54.9270, 3.3850,
43.2970

125.5870, -0.2750,
-0.5230

45.8010, 3.9800,
49.0360

134.1260, -0.5950,
-5.7390

36.9630, 3.7040,
54.0400

143.5510, -0.5940,
-11.2660

36.3760, 3.9790,
54.5630

152.0900, -0.9140,
-16.4820

161.2160, -1.5090,

-22.2210

■ 169.7550, -1.8290,
-27.4370

Harmonies

Analogous

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



85.9480, -28.6120, 11.9320



90.2570, 1.5550, 21.3870



89.9300, 24.5250, 23.6050

Triad

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



90.2570, 1.5550, 21.3870



85.8510, 33.7920, -6.6880



70.5730, -59.5540, -22.0340

Complementary

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



90.2570, 1.5550, 21.3870



110.7430, -1.5550, -21.3870

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.



71.9910, -40.4800, -26.3040



90.2570, 1.5550, 21.3870



84.0290, 18.2510, -16.8930

Square

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



90.2570, 1.5550, 21.3870



87.4750, 41.2630, 6.5990



80.4760, -5.1770, -21.8250



72.1350, -66.7080, -13.5240

Rectangle

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



90.2570, 1.5550, 21.3870



88.2100, 35.3000, 21.0600



80.4760, -5.1770, -21.8250



69.5470, -56.6650, -24.8330

Sweetspot

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



90.2570, 1.5550, 21.3870



149.4550, 0.4570, 8.2410



93.3260, -21.2290, 4.7790



73.4610, 0.3200, 5.2160



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.



90.2570, 1.5550, 21.3870



108.5320, 2.6990, 33.6990



95.7810, 14.7590, 24.3830



58.9940, 0.1370, 3.0250



37.3160, 4.2080, 55.9200



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.9310, 22.7840, 16.6080



112.6710, 35.6200, 26.2760



105.2190, -14.7590, -24.3830



59.4350, 3.2090, 2.4170



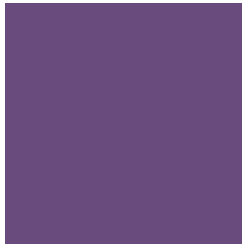
44.2000, 59.5960, 43.3080



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 90.2570, 1.5550, 21.3870 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 90.2570, 1.5550, 21.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

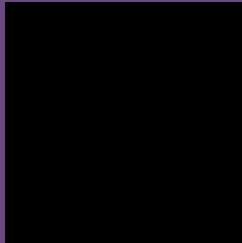
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.2570, 1.5550, 21.3870

Background



This preview shows how black text looks on a background with the YIQ color 90.2570, 1.5550, 21.3870.



This preview shows how white text looks on a background with the YIQ color 90.2570, 1.5550,

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

90.2570, 1.5550, 21.3870

Protanopia

86.8730, -24.0270, 11.4370

Deuteranopia

87.8150, -18.1120, 8.8640



Tritanopia

88.5820, 7.2890, 5.5690

Trichromacy



Original Color

90.2570, 1.5550, 21.3870

Protanomaly

87.7710, -14.8120, 15.1400

Deuteranomaly

88.8700, -10.7770, 13.5990

Tritanomaly

88.9010, 5.1330, 11.6050

Monochromacy



Original Color

90.2570, 1.5550, 21.3870

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.0420, 0.1820, 7.7180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.2570, 1.5550, 21.3870 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(105, 76, 125)` looks like.

```
.text, #text, p{  
    color:rgb(105, 76, 125)  
}
```

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(105, 76, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 76, 125) }
```

Border

The CSS property to change the border of an element to YIQ 90.2570, 1.5550, 21.3870 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(105, 76, 125) }
```


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

```
.border{ border-color:rgb(105, 76, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 76, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 76, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 76, 125); box-shadow:4px 4px 4px 4px rgb(105, 76, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 90.2570, 1.5550, 21.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 76, 125) }
```

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

```
.background{ background-color: rgb(105, 76,  
125) }
```

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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