

Converting Colors

YIQ(82.0230, 28.6970, 25.0890)

Have a look what the booklet for
YIQ(82.0230, 28.6970, 25.0890)
contains.

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Color

**YIQ(82.0230, 28.6970,
25.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	7D3A5D
RGB	125, 58, 93
RGB Percent	49%, 23%, 36%
CMY	0.5096, 0.7726, 0.6352
CMYK	0.00, 0.54, 0.26, 0.51
HSL	329°, 37%, 36%
HSV	329°, 54%, 49%
XYZ	11.9526, 8.1774, 11.3095
YIQ	82.0230, 28.6970, 25.0890

Conversions

Conversions Part 2

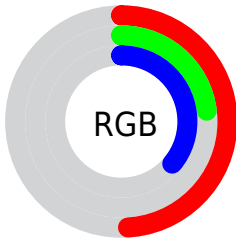
Format	Color
RYB	125, 58, 93
Decimal	8206941
CIELab	34.35, 33.48, -7.20
CIElCh	34, 34.244, 347.856
Yxy	8.1774, 0.3802, 0.2601
Android (android.graphics.Color)	4286397021 (0xFF7D3A5D)
YUV	82.0230, 5.4117, 37.6908
Hunter-Lab	28.5962, 24.5657, -3.4312

Details

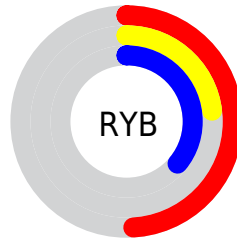
The YIQ color **82.0230, 28.6970, 25.0890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.9770, -28.6970, -25.0890**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.2190, 31.0810, 25.9370**, and **31.2940, 26.4960, 26.4320** is the 20% darker color. If you saturate the color by 10%, you get **73.7080, 34.1980, 30.0220**, and if you desaturate by 10%, it is **89.7510, 23.4710, 20.6790**.

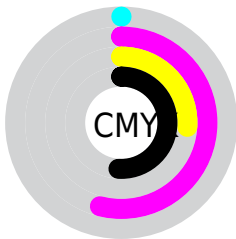
Distribution



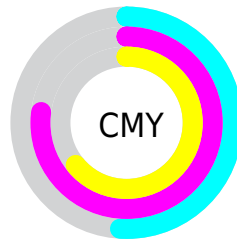
- Red (49%)
- Green (23%)
- Blue (36%)



- Red (49%)
- Yellow (23%)
- Blue (36%)



- Cyan (0%)
- Magenta (54%)
- Yellow (26%)
- Black (51%)



- Cyan (51%)
- Magenta (77%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.0230, 28.6970, 25.0890 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 82.0230, 28.6970, 25.0890 by changing the saturation by 10% instead.

82.0230, 28.6970,
25.0890

82.0230, 28.6970,
25.0890

255.0000, -0.0000,
-0.0000

57.4250, 27.5050,
24.6650

133.5180, 31.6770,
26.1490

31.2940, 26.4960,
26.4320

160.2300, 32.5480,
26.8840

18.0280, 21.1330,
18.9970

187.2410, 34.0150,
27.8310

5.9800, 11.9200,
4.2400

212.2510, 28.0550,
25.7110

0.0000, 0.0000,
0.0000

231.9930, 11.0460,
20.0860

249.1300, 2.7500,

5.2300

■ 82.0230, 28.6970,
25.0890

■ 82.0230, 28.6970,
25.0890

■ 73.7080, 34.1980,
30.0220

■ 89.7510, 23.4710,
20.6790

■ 65.9800, 39.4240,
34.4320

■ 98.0660, 17.9700,
15.7460

■ 57.6650, 44.9250,
39.3650

■ 105.7940, 12.7440,
11.3360

■ 49.9370, 50.1510,
43.7750

■ 114.1090, 7.2430,
6.4030

■ 44.7850, 53.6350,
46.7150

■ 121.8370, 2.0170,
1.9930

■ 130.1520, -3.4840,
-2.9400

■ 138.4670, -8.9850,
-7.8730

■ 146.1950,
-14.2110, -12.2830

■ 154.5100,
-19.7120, -17.2160

Harmonies

Analogous

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



83.5780, 5.0850, 23.4930



82.0230, 28.6970, 25.0890



80.1520, 41.2150, 18.4870

Triad

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



82.0230, 28.6970, 25.0890



76.0780, 16.5550, -19.1970



67.7980, -64.1410, -10.4850

Complementary

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



82.0230, 28.6970, 25.0890



100.9770, -28.6970, -25.0890

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.



66.2360, -56.9870, -18.9950



82.0230, 28.6970, 25.0890



72.0840, -9.9450, -23.5210

Square

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



82.0230, 28.6970, 25.0890



78.2700, 33.9300, -9.1900



62.3430, -47.4030, -27.4910



66.3450, -66.9390, -3.8270

Rectangle

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



82.0230, 28.6970, 25.0890



79.9530, 42.9130, 9.7370



62.3430, -47.4030, -27.4910



67.4730, -61.8480, -13.4960

Sweetspot

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



82.0230, 28.6970, 25.0890



146.3700, 11.0020, 9.8660



74.9070, -3.0310, 27.4090



71.6960, 6.9680, 5.8800



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.



82.0230, 28.6970, 25.0890



96.2520, 44.6500, 38.8420



78.2610, 39.2900, 14.8260



59.5490, 2.8880, 2.7280



45.9100, 54.7810, 47.9730



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.0230, 28.6970, 25.0890



96.2520, 44.6500, 38.8420



104.7390, -39.2900, -14.8260



59.5490, 2.8880, 2.7280



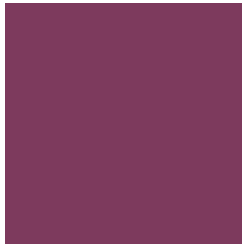
45.9100, 54.7810, 47.9730



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 82.0230, 28.6970, 25.0890 looks on a white background.

Color Contrast Check

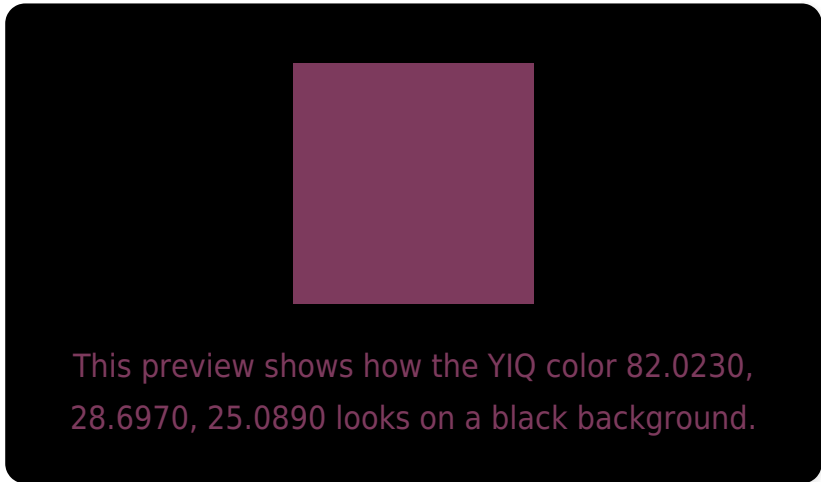
Large Text (above 18pt) WCAG AA ✓ Pass

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

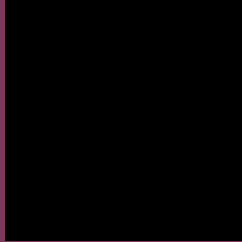
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.0230, 28.6970, 25.0890

Background



This preview shows how black text looks on a background with the YIQ color 82.0230, 28.6970, 25.0890.



This preview shows how white text looks on a background with the YIQ color 82.0230, 28.6970,

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

82.0230, 28.6970, 25.0890

Protanopia

81.3980, -12.5640, 7.4360

Deuteranopia

82.3470, 0.6410, 4.9050



Tritanopia

81.5100, 34.1550, 14.2750

Trichromacy



Original Color

82.0230, 28.6970, 25.0890

Protanomaly

81.8130, 2.5650, 14.0930

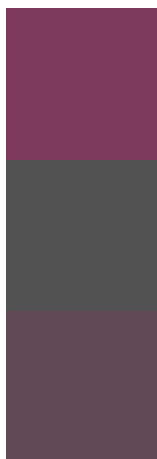
Deuteranomaly

81.9510, 10.8640, 12.3680

Tritanomaly

81.6610, 32.4120, 18.3320

Monochromacy



Original Color

82.0230, 28.6970, 25.0890

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.0230, 28.6970, 25.0890 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, 58, 93)` looks like.

```
.text, #text, p{  
    color:rgb(125, 58, 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(125, 58, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 58, 93) }
```

Border

The CSS property to change the border of an element to YIQ 82.0230, 28.6970, 25.0890 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, 58, 93) }
```


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

```
.border{ border-color:rgb(125, 58, 93) }
```

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

Here you see how a box with a 4 pixel rgb(125, 58, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 58, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 58, 93);  
box-shadow:4px 4px 4px 4px rgb(125, 58,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 82.0230, 28.6970, 25.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 58, 93) }
```

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

```
.background{ background-color: rgb(125, 58,  
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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