

Converting Colors

YIQ(112.2830, 78.8960, 56.9760)

Have a look what the booklet for
YIQ(112.2830, 78.8960, 56.9760)
contains.

YIQ(112.2830, 78.8960, 56.9760)	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(112.2830, 78.8960,
56.9760)**

Conversions

Conversions Part 1

Format	Color
Hex	DF367A
RGB	223, 54, 122
RGB Percent	87%, 21%, 48%
CMY	0.1250, 0.7885, 0.5213
CMYK	0.00, 0.76, 0.45, 0.13
HSL	336°, 73%, 54%
HSV	336°, 76%, 87%
XYZ	35.2992, 19.7445, 20.3845
YIQ	112.2830, 78.8960, 56.9760

Conversions

Conversions Part 2

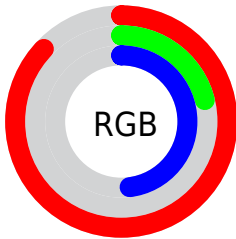
Format	Color
R_{YB}	223, 54, 122
Decimal	14628474
CIE _{Lab}	51.55, 68.25, 2.05
CIE _{LCh}	52, 68.280, 1.718
Yxy	19.7445, 0.4680, 0.2618
Android (android.graphics.Color)	4292818554 (0xFFDF367A)
YUV	112.2830, 4.7905, 97.0988
Hunter-Lab	44.4348, 64.0403, 3.9050

Details

The YIQ color **112.2830, 78.8960, 56.9760** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **164.7170, -78.8960, -56.9760**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1730, 64.2260, 47.5060**, and **56.8740, 72.7980, 57.3580** is the 20% darker color. If you saturate the color by 10%, you get **97.8870, 89.1190, 64.4390**, and if you desaturate by 10%, it is **126.6790, 68.6730, 49.5130**.

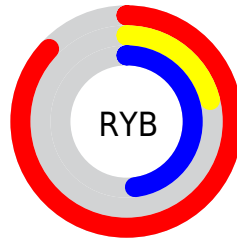
Distribution



Red (87%)

Green (21%)

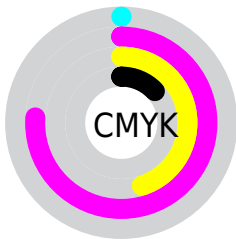
Blue (48%)



Red (87%)

Yellow (21%)

Blue (48%)

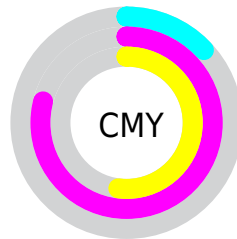


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (79%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.2830, 78.8960, 56.9760 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 112.2830, 78.8960, 56.9760 by changing the saturation by 10% instead.


 112.2830, 78.8960,
56.9760


 112.2830, 78.8960,
56.9760


255.0000, -0.0000,
-0.0000


 70.8140, 82.1950,
68.7790


 164.1730, 64.2260,
47.5060


 56.8740, 72.7980,
57.3580


 184.3880, 47.2630,
41.0470


 45.2820, 62.3010,
43.8450


 204.6030, 30.3000,
34.5880

 34.0320, 50.8410,
31.2650

 224.4760, 14.3000,
27.1960

 22.9950, 43.0950,
17.4550

 242.0860, 6.0500,
11.5060

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,

0.0000

■ 112.2830, 78.8960,
56.9760

■ 112.2830, 78.8960,
56.9760

■ 97.8870, 89.1190,
64.4390

■ 126.6790, 68.6730,
49.5130

■ 82.7900, 99.9380,
72.1140

■ 141.7760, 57.8540,
41.8380

■ 76.9370, 104.0180,
75.2660

■ 156.1720, 47.6310,
34.3750

■ 170.5680, 37.4080,
26.9120

■ 185.0780, 26.8640,
19.7600

■ 200.0610, 16.3660,
11.7740

■ 214.4570, 6.1430,
4.3110

■ 228.9670, -4.4010,
-2.8410

■ 243.9500,
-14.8990, -10.8270

Harmonies

Analogous

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



122.4370, 37.5400, 57.5720



112.2830, 78.8960, 56.9760



113.3940, 90.6840, 30.5560

Triad

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



112.2830, 78.8960, 56.9760



106.1330, 13.5810, -53.4190



109.7050, -111.8710, -4.5030

Complementary

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



112.2830, 78.8960, 56.9760



164.7170, -78.8960, -56.9760

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.



107.7380, -99.4430, -20.4910



112.2830, 78.8960, 56.9760



92.4110, -60.4190, -55.9310

Square

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



112.2830, 78.8960, 56.9760



114.9690, 52.8700, -33.0660



101.1260, -80.8250, -38.5290



103.1970, -112.8360, 7.4840

Rectangle

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



112.2830, 78.8960, 56.9760



115.1320, 87.5250, 5.1970



101.1260, -80.8250, -38.5290



109.5110, -108.5690, -9.2810

Sweetspot

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



112.2830, 78.8960, 56.9760



216.3770, 27.4600, 19.9720



102.8670, 4.7550, 73.5470



104.3600, 16.9620, 11.9860



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



112.2830, 78.8960, 56.9760



102.9700, 108.4190, 78.1070



112.7490, 96.8740, 28.5060



104.7450, 5.2720, 3.5760



60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Inverse Universe

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



112.2830, 78.8960, 56.9760



102.9700, 108.4190, 78.1070



164.2510, -96.8740, -28.5060



104.7450, 5.2720, 3.5760



60.7180, 82.1050, 59.3930



16.6320, 22.1880, 16.3960

Previews

White Background



This preview shows how the YIQ color 112.2830, 78.8960, 56.9760 looks on a white background.

Color Contrast Check

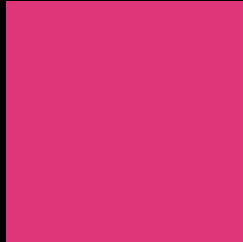
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.2830, 78.8960, 56.9760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

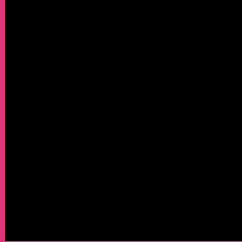
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.2830, 78.8960, 56.9760

Background



This preview shows how black text looks on a background with the YIQ color 112.2830, 78.8960, 56.9760.



This preview shows how white text looks on a background with the YIQ color 112.2830, 78.8960,

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

112.2830, 78.8960, 56.9760

Protanopia

123.8690, -18.2040, 10.5320

Deuteranopia

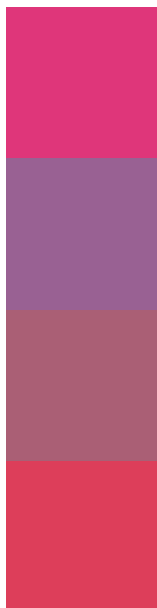
124.4100, 13.5250, 2.6850



Tritanopia

113.2030, 89.9040, 33.6800

Trichromacy



Original Color

112.2830, 78.8960, 56.9760

Protanomaly

119.4440, 17.3260, 27.4220

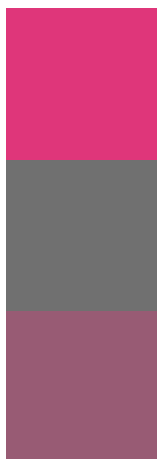
Deuteranomaly

119.9330, 37.6380, 22.7420

Tritanomaly

112.7330, 85.7760, 42.4160

Monochromacy



Original Color

112.2830, 78.8960, 56.9760

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0890, 28.3310, 20.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2830, 78.8960, 56.9760 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(223, 54, 122)` looks like.

```
.text, #text, p{  
    color:rgb(223, 54, 122)  
}
```

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(223, 54, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 54, 122) }
```

Border

The CSS property to change the border of an element to YIQ 112.2830, 78.8960, 56.9760 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(223, 54, 122) }
```


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

```
.border{ border-color:rgb(223, 54, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 54, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 54, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 54, 122);  
box-shadow:4px 4px 4px 4px rgb(223, 54,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2830, 78.8960, 56.9760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 54, 122) }
```

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

```
.background{ background-color: rgb(223, 54,  
122) }
```

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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