

Converting Colors

YIQ(72.3120, 36.3940, 56.3140)

Have a look what the booklet for
YIQ(72.3120, 36.3940, 56.3140)
contains.

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Color

**YIQ(72.3120, 36.3940,
56.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	8E1A80
RGB	142, 26, 128
RGB Percent	56%, 10%, 50%
CMY	0.4428, 0.8982, 0.4980
CMYK	0.00, 0.82, 0.10, 0.44
HSL	307°, 69%, 33%
HSV	307°, 82%, 56%
XYZ	15.4359, 8.0540, 21.1689
YIQ	72.3120, 36.3940, 56.3140

Conversions

Conversions Part 2

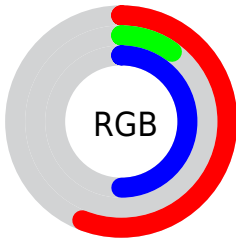
Format	Color
RYB	142, 26, 128
Decimal	9312896
CIELab	34.10, 56.87, -29.49
CIElCh	34, 64.059, 332.588
Yxy	8.0540, 0.3456, 0.1803
Android (android.graphics.Color)	4287502976 (0xFF8E1A80)
YUV	72.3120, 27.4542, 61.1164
Hunter-Lab	28.3796, 47.4231, -24.3597

Details

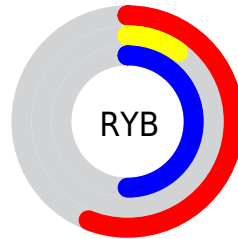
The YIQ color **72.3120, 36.3940, 56.3140** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **95.6880, -36.3940, -56.3140**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6170, 36.8530, 53.5010**, and **35.2040, 27.4100, 42.9140** is the 20% darker color. If you saturate the color by 10%, you get **63.8660, 40.8860, 63.0140**, and if you desaturate by 10%, it is **80.7580, 31.9020, 49.6140**.

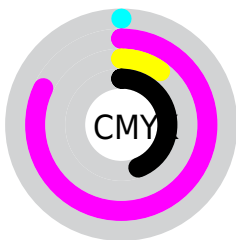
Distribution



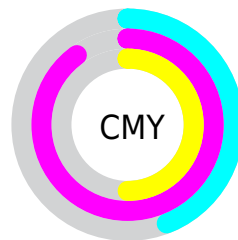
- Red (56%)
- Green (10%)
- Blue (50%)



- Red (56%)
- Yellow (10%)
- Blue (50%)



- Cyan (0%)
- Magenta (82%)
- Yellow (10%)
- Black (44%)





- Cyan (44%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 72.3120, 36.3940, 56.3140 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 72.3120, 36.3940, 56.3140 by changing the saturation by 10% instead.


 72.3120, 36.3940,
56.3140


 72.3120, 36.3940,
56.3140


255.0000, -0.0000,
-0.0000


 46.1270, 35.4770,
56.4130


 130.6170, 36.8530,
53.5010


 35.2040, 27.4100,
42.9140


 158.3290, 37.7240,
54.2360


 24.8080, 19.2970,
30.2490

 186.0300, 37.1280,
54.0240

 14.5260, 10.8630,
17.8950

 203.9310, 23.9250,
45.5010

 0.5700, -1.6050,
1.5550

 220.9540, 15.9500,
30.3340

 0.0000, 0.0000,
0.0000

 237.9770, 7.9750,

15.1670

■ 72.3120, 36.3940,
56.3140

■ 72.3120, 36.3940,
56.3140

■ 63.8660, 40.8860,
63.0140

■ 80.7580, 31.9020,
49.6140

■ 56.7080, 44.5070,
68.9790

■ 89.0900, 27.7310,
42.6030

■ 98.1230, 22.9640,
35.3800

■ 106.5690, 18.4720,
28.6800

■ 115.0150, 13.9800,
21.9800

■ 123.3470, 9.8090,
14.9690

■ 131.7930, 5.3170,
8.2690

■ 140.8260, 0.5500,
1.0460

■ 149.2720, -3.9420,
-5.6540

Harmonies

Analogous

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



79.9280, -24.7190, 35.0010



72.3120, 36.3940, 56.3140



58.2270, 73.3020, 59.2380

Triad

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



72.3120, 36.3940, 56.3140



75.3650, 34.6200, -21.7000



74.5630, -70.7890, -11.1490

Complementary

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



72.3120, 36.3940, 56.3140



95.6880, -36.3940, -56.3140

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.



68.7490, -54.4180, -27.0100



72.3120, 36.3940, 56.3140



65.9640, -1.4600, -39.6360

Square

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



72.3120, 36.3940, 56.3140



74.1120, 63.9140, -1.9260



60.7180, -35.9380, -42.5460



76.4330, -81.5660, 2.4500

Rectangle

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



72.3120, 36.3940, 56.3140



54.1660, 83.2990, 48.7630



60.7180, -35.9380, -42.5460



72.7390, -65.6530, -16.1250

Sweetspot

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



72.3120, 36.3940, 56.3140



156.3140, 14.5760, 22.1920



43.4100, -28.8920, 39.0440



75.1080, 8.9840, 13.4000



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



72.3120, 36.3940, 56.3140



75.8320, 56.5620, 87.2980



65.7000, 55.0120, 38.2760



66.8910, 1.9250, 3.6610



53.9310, 42.2610, 65.6290



3.1900, 2.5210, 3.8730

Inverse Universe

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



72.3120, 36.3940, 56.3140



75.8320, 56.5620, 87.2980



102.3000, -55.0120, -38.2760



66.8910, 1.9250, 3.6610



53.9310, 42.2610, 65.6290



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 72.3120, 36.3940, 56.3140 looks on a white background.

Color Contrast Check

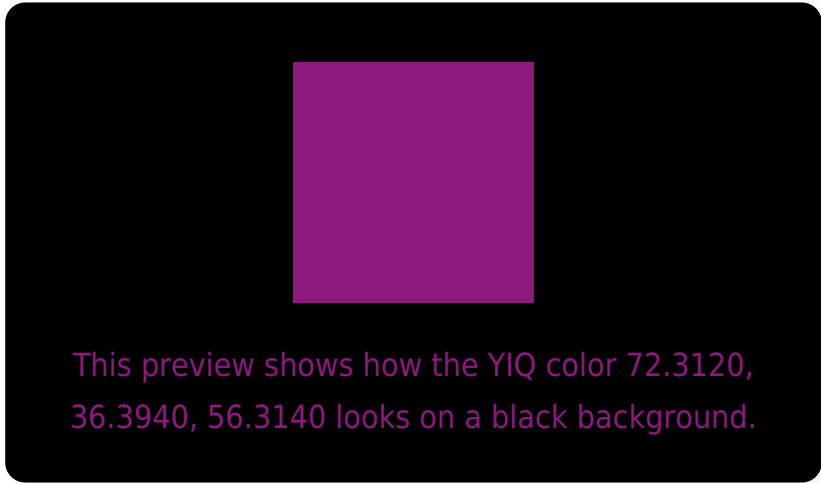
Large Text (above 18pt) WCAG AA ✓ Pass

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

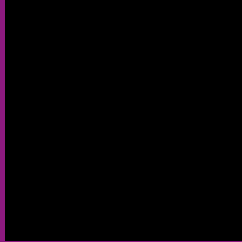
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.3120, 36.3940, 56.3140

Background



This preview shows how black text looks on a background with the YIQ color 72.3120, 36.3940, 56.3140.



This preview shows how white text looks on a background with the YIQ color 72.3120, 36.3940,

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

72.3120, 36.3940, 56.3140

Protanopia

65.5250, -75.6530, 10.9310

Deuteranopia

80.7760, -22.3760, 9.0480



Tritanopia

79.2620, 46.7170, 17.8930

Trichromacy



Original Color

72.3120, 36.3940, 56.3140

Protanomaly

68.2100, -34.6210, 27.2270

Deuteranomaly

77.7500, -1.1510, 26.3770

Tritanomaly

76.5520, 43.5050, 32.0570

Monochromacy



Original Color

72.3120, 36.3940, 56.3140

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7760, 13.1550, 20.4110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.3120, 36.3940, 56.3140 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(142, 26, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 26, 128)  
}
```

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(142, 26, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 26, 128) }
```

Border

The CSS property to change the border of an element to YIQ 72.3120, 36.3940, 56.3140 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(142, 26, 128) }
```


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

```
.border{ border-color:rgb(142, 26, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 26, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 26, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 26, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 26,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 72.3120, 36.3940, 56.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 26, 128) }
```

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

```
.background{ background-color: rgb(142, 26,  
128) }
```

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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