

Converting Colors

YIQ(74.7960, 11.5440, 55.1280)

Have a look what the booklet for
YIQ(74.7960, 11.5440, 55.1280)
contains.

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Color

**YIQ(74.7960, 11.5440,
55.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	78249C
RGB	120, 36, 156
RGB Percent	47%, 14%, 61%
CMY	0.5291, 0.8590, 0.3883
CMYK	0.23, 0.77, 0.00, 0.39
HSL	282°, 63%, 38%
HSV	282°, 77%, 61%
XYZ	14.3850, 7.6576, 32.1670
YIQ	74.7960, 11.5440, 55.1280

Conversions

Conversions Part 2

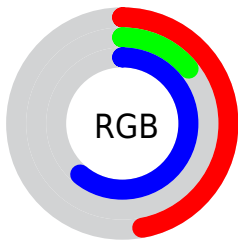
Format	Color
RYB	120, 36, 156
Decimal	7873692
CIELab	33.26, 54.13, -48.27
CIELCh	33, 72.530, 318.275
Yxy	7.6576, 0.2654, 0.1413
Android (android.graphics.Color)	4286063772 (0xFF78249C)
YUV	74.7960, 40.0336, 39.6439
Hunter-Lab	27.6724, 44.3634, -49.5495

Details

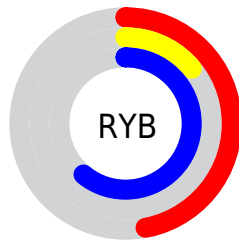
The YIQ color **74.7960, 11.5440, 55.1280** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **117.2040, -11.5440, -55.1280**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5080, 12.4150, 55.8630**, and **31.5900, 5.9520, 46.3360** is the 20% darker color. If you saturate the color by 10%, you get **63.9090, 12.9640, 62.4360**, and if you desaturate by 10%, it is **85.6830, 10.1240, 47.8200**.

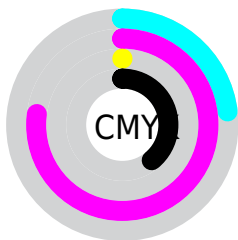
Distribution



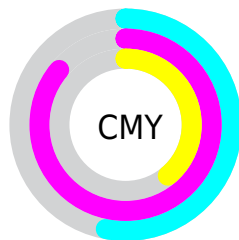
- Red (47%)
- Green (14%)
- Blue (61%)



- Red (47%)
- Yellow (14%)
- Blue (61%)



- Cyan (23%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7960, 11.5440, 55.1280 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 74.7960, 11.5440, 55.1280 by changing the saturation by 10% instead.

74.7960, 11.5440,
55.1280

74.7960, 11.5440,
55.1280

255.0000, -0.0000,
-0.0000

42.5130, 14.0190,
59.8350

129.5080, 12.4150,
55.8630

31.5900, 5.9520,
46.3360

157.3340, 12.9650,
56.9090

20.9660, -1.5190,
33.0490

183.5640, 18.0090,
53.6010

8.0640, -14.0790,
18.3770

206.2790, 22.8250,
43.4090

4.9360, -11.1430,
9.2170

222.7150, 15.1250,
28.7650

0.5700, -1.6050,
1.5550

239.1510, 7.4250,

0.0000, 0.0000,

14.1210

0.0000

■ 74.7960, 11.5440,
55.1280

■ 74.7960, 11.5440,
55.1280

■ 63.9090, 12.9640,
62.4360

■ 85.6830, 10.1240,
47.8200

■ 53.9080, 14.7050,
69.4330

■ 95.6840, 8.3830,
40.8230

■ 50.3750, 14.8880,
71.6240

■ 106.5710, 6.9630,
33.5150

■ 116.8710, 5.8180,
26.7300

■ 127.4590, 3.8020,
19.2100

■ 138.3460, 2.3820,
11.9020

■ 148.6460, 1.2370,
5.1170

■ 159.2340, -0.7790,
-2.4030

■ 169.5340, -1.9240,
-9.1880

Harmonies

Analogous

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



65.0980, -81.3400, 20.3880



74.7960, 11.5440, 55.1280



61.0770, 65.2770, 67.0130

Triad

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



74.7960, 11.5440, 55.1280



74.3010, 49.8400, -11.1840



72.1690, -64.0480, -17.6800

Complementary

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



74.7960, 11.5440, 55.1280



117.2040, -11.5440, -55.1280

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.



64.1550, -44.2380, -35.2940



74.7960, 11.5440, 55.1280



69.3190, 13.8980, -31.6220

Square

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



74.7960, 11.5440, 55.1280



63.9440, 82.6630, 16.2230



55.7650, -26.1250, -49.6850



77.3960, -80.1440, -1.2960

Rectangle

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



74.7960, 11.5440, 55.1280



59.1370, 82.2430, 56.8910



55.7650, -26.1250, -49.6850



69.3020, -57.3530, -23.3770

Sweetspot

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



74.7960, 11.5440, 55.1280



172.2250, 4.5810, 21.6130



70.8120, -48.4200, 18.4920



82.2860, 2.6110, 13.2590



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



74.7960, 11.5440, 55.1280



76.9000, 18.3240, 86.4520



82.8240, 40.7040, 55.2960



73.7060, 1.0080, 3.7600



46.2020, 13.6970, 65.6730



4.9990, 1.7410, 6.9970

Inverse Universe

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



75.9840, 59.9640, 36.6360



78.5960, 94.0720, 57.2720



109.1760, -40.7040, -55.2960



73.7340, 3.8050, 2.6290



47.6590, 71.4250, 43.6890



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 74.7960, 11.5440, 55.1280 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 74.7960, 11.5440, 55.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

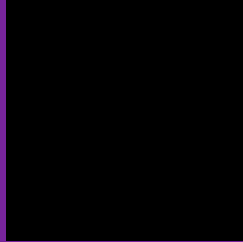
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7960, 11.5440, 55.1280

Background



This preview shows how black text looks on a background with the YIQ color 74.7960, 11.5440, 55.1280.



This preview shows how white text looks on a background with the YIQ color 74.7960, 11.5440,

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

74.7960, 11.5440, 55.1280

Protanopia

63.0800, -72.9020, 10.6340

Deuteranopia

63.7350, -67.8570, 1.7990



Tritanopia

80.2310, 21.6390, 9.8230

Trichromacy



Original Color

74.7960, 11.5440, 55.1280

Protanomaly

67.2030, -41.9110, 27.1850

Deuteranomaly

68.0690, -38.8380, 21.0500

Tritanomaly

78.1020, 18.2890, 26.4890

Monochromacy



Original Color

74.7960, 11.5440, 55.1280

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.8720, 4.0770, 19.7330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7960, 11.5440, 55.1280 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(120, 36, 156)` looks like.

```
.text, #text, p{  
    color:rgb(120, 36, 156)  
}
```

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(120, 36, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 36, 156) }
```

Border

The CSS property to change the border of an element to YIQ 74.7960, 11.5440, 55.1280 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(120, 36, 156) }
```


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

```
.border{ border-color:rgb(120, 36, 156) }
```

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

Here you see how a box with a 4 pixel rgb(120, 36, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 36, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 36, 156);  
box-shadow:4px 4px 4px 4px rgb(120, 36,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7960, 11.5440, 55.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 36, 156) }
```

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

```
.background{ background-color: rgb(120, 36,  
156) }
```

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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