

Converting Colors

YIQ(95.6270, 12.5570, 31.2530)

Have a look what the booklet for
YIQ(95.6270, 12.5570, 31.2530)
contains.

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Color

**YIQ(95.6270, 12.5570,
31.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4887
RGB	127, 72, 135
RGB Percent	50%, 28%, 53%
CMY	0.5018, 0.7177, 0.4706
CMYK	0.06, 0.47, 0.00, 0.47
HSL	292°, 30%, 41%
HSV	292°, 47%, 53%
XYZ	15.4479, 10.8964, 24.2108
YIQ	95.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

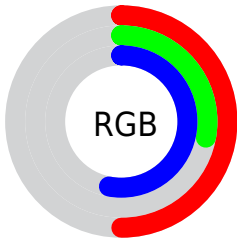
Format	Color
RYB	127, 72, 135
Decimal	8341639
CIELab	39.41, 34.05, -25.64
CIELCh	39, 42.622, 323.019
Yxy	10.8964, 0.3056, 0.2155
Android (android.graphics.Color)	4286531719 (0xFF7F4887)
YUV	95.6270, 19.4109, 27.5141
Hunter-Lab	33.0097, 25.7678, -20.3792

Details

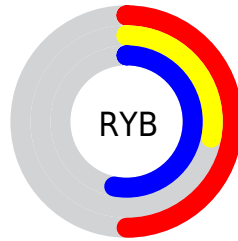
The YIQ color **95.6270, 12.5570, 31.2530** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **111.3730, -12.5570, -31.2530**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **147.2790, 13.6570, 33.3450**, and **46.5020, 11.4110, 29.9950** is the 20% darker color. If you saturate the color by 10%, you get **86.8110, 15.2150, 38.1510**, and if you desaturate by 10%, it is **103.8560, 10.1740, 24.8780**.

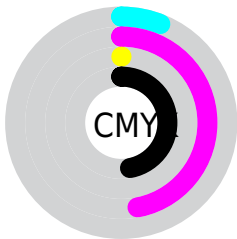
Distribution



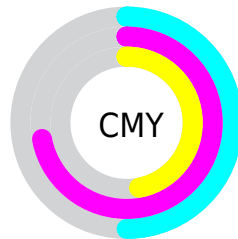
- Red (50%)
- Green (28%)
- Blue (53%)



- Red (50%)
- Yellow (28%)
- Blue (53%)



- Cyan (6%)
- Magenta (47%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (72%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.6270, 12.5570, 31.2530 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 95.6270, 12.5570, 31.2530 by changing the saturation by 10% instead.

■ 95.6270, 12.5570,
31.2530

■ 95.6270, 12.5570,
31.2530

■ 255.0000, -0.0000,
-0.0000

■ 70.8010, 12.0070,
30.2070

■ 147.2790, 13.6570,
33.3450

■ 46.5020, 11.4110,
29.9950

■ 174.5780, 14.2530,
33.5570

■ 22.5020, 11.4110,
29.9950

■ 202.4040, 14.8030,
34.6030

■ 14.4270, 6.8280,
19.4360

■ 224.4760, 14.3000,
27.1960

■ 2.5250, -5.7320,
4.7640

■ 241.4990, 6.3250,
12.0290

■ 0.0000, 0.0000,
0.0000

95.6270, 12.5570,
31.2530

95.6270, 12.5570,
31.2530

86.8110, 15.2150,
38.1510

103.8560, 10.1740,
24.8780

78.8810, 18.1940,
44.7380

112.3730, 6.9200,
17.7680

70.0650, 20.8520,
51.6360

120.6020, 4.5370,
11.3930

61.8360, 23.2350,
58.0110

129.4180, 1.8790,
4.4950

53.3190, 26.4890,
65.1210

137.6470, -0.5040,
-1.8800

50.6720, 26.9930,
67.0010

146.1640, -3.7580,
-8.9900

154.3930, -6.1410,
-15.3650

163.2090, -8.7990,

-22.2630

■ 171.1390,
-11.7780, -28.8500

Harmonies

Analogous

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



92.5880, -27.2380, 20.0740



95.6270, 12.5570, 31.2530



92.5840, 40.4790, 31.8310

Triad

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



95.6270, 12.5570, 31.2530



88.8760, 40.6710, -15.7210



77.5490, -68.1740, -19.9980

Complementary

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



95.6270, 12.5570, 31.2530



111.3730, -12.5570, -31.2530

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.



73.4450, -56.6180, -31.1940



95.6270, 12.5570, 31.2530



86.0360, 16.3730, -26.9150

Square

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



95.6270, 12.5570, 31.2530



90.8150, 51.8090, 2.6970



79.7680, -21.0390, -31.7190



79.0940, -76.6580, -9.4100

Rectangle

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



95.6270, 12.5570, 31.2530



90.8700, 51.1170, 26.2610



79.7680, -21.0390, -31.7190



76.1810, -64.3220, -23.7300

Sweetspot

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



95.6270, 12.5570, 31.2530



160.4280, 5.0870, 12.4390



83.8780, -22.4230, 15.4090



79.5970, 2.9330, 7.4210



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



95.6270, 12.5570, 31.2530



114.2990, 20.0730, 49.2330



95.3970, 24.7080, 25.7960



62.1790, 1.0540, 2.9260



48.9060, 26.2140, 64.5980



0.9400, 0.2290, 1.3570

Inverse Universe

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



91.7490, 34.9800, 15.8440



108.0830, 54.8310, 25.0310



111.6030, -24.7080, -25.7960



61.9080, 3.2550, 1.5830



40.6940, 72.3440, 32.5360



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 95.6270, 12.5570, 31.2530 looks on a white background.

Color Contrast Check

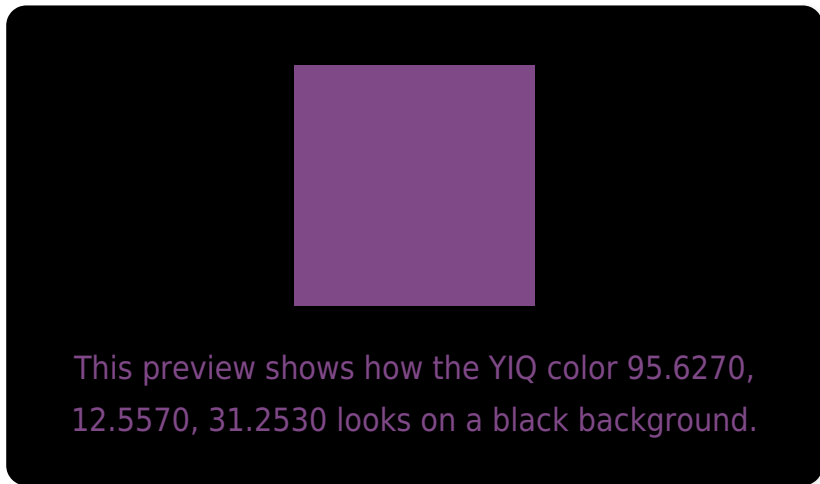
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

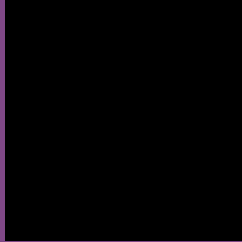
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.6270, 12.5570, 31.2530

Background



This preview shows how black text looks on a background with the YIQ color 95.6270, 12.5570, 31.2530.



This preview shows how white text looks on a background with the YIQ color 95.6270, 12.5570,

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

95.6270, 12.5570, 31.2530

Protanopia

91.5610, -31.7760, 14.2080

Deuteranopia

92.8580, -19.6710, 9.5850



Tritanopia

95.0460, 20.7220, 9.9220

Trichromacy



Original Color

95.6270, 12.5570, 31.2530

Protanomaly

93.0470, -15.4090, 20.4550

Deuteranomaly

93.9460, -7.9350, 17.1610

Tritanomaly

95.2340, 17.5570, 17.7250

Monochromacy



Original Color

95.6270, 12.5570, 31.2530

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

95.6020, 4.5370, 11.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.6270, 12.5570, 31.2530 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(127, 72, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 72, 135)  
}
```

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(127, 72, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 72, 135) }
```

Border

The CSS property to change the border of an element to YIQ 95.6270, 12.5570, 31.2530 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(127, 72, 135) }
```


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

```
.border{ border-color:rgb(127, 72, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 72, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 72, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 72, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 72,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 95.6270, 12.5570, 31.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 72, 135) }
```

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

```
.background{ background-color: rgb(127, 72,  
135) }
```

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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