

Converting Colors

YIQ(130.4710, 12.6960, 23.2240)

Have a look what the booklet for
YIQ(130.4710, 12.6960, 23.2240)
contains.

YIQ(130.4710, 12.6960, 23.2240)	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(130.4710, 12.6960,
23.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	9D709C
RGB	157, 112, 156
RGB Percent	62%, 44%, 61%
CMY	0.3842, 0.5608, 0.3882
CMYK	0.00, 0.29, 0.01, 0.38
HSL	301°, 19%, 53%
HSV	301°, 29%, 62%
XYZ	25.7045, 21.1562, 34.1831
YIQ	130.4710, 12.6960, 23.2240

Conversions

Conversions Part 2

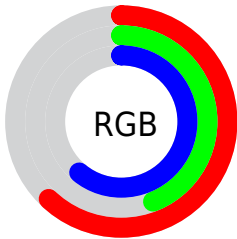
Format	Color
R _Y B	157, 112, 156
Decimal	10317980
CIE _{Lab}	53.12, 25.41, -16.76
CIE _{LCh}	53, 30.438, 326.596
Yxy	21.1562, 0.3172, 0.2610
Android (android.graphics.Color)	4288508060 (0xFF9D709C)
YUV	130.4710, 12.5858, 23.2659
Hunter-Lab	45.9958, 19.2610, -11.8659

Details

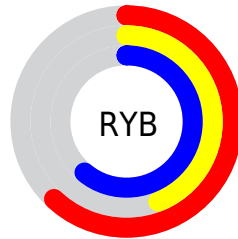
The YIQ color $130.4710, 12.6960, 23.2240$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $138.5290, -12.6960, -23.2240$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.7100, 13.5210, 24.7930$, and $80.3460, 11.5500, 21.9660$ is the 20% darker color. If you saturate the color by 10%, you get $121.0790, 17.0960, 31.5920$, and if you desaturate by 10%, it is $139.8630, 8.2960, 14.8560$.

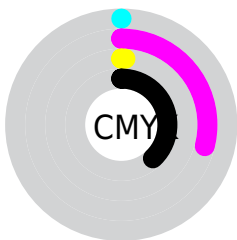
Distribution



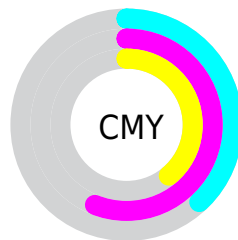
- Red (62%)
- Green (44%)
- Blue (61%)



- Red (62%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.4710, 12.6960, 23.2240 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 130.4710, 12.6960, 23.2240 by changing the saturation by 10% instead.

■ 130.4710, 12.6960,
23.2240

■ 130.4710, 12.6960,
23.2240

■ 255.0000, -0.0000,
-0.0000

■ 105.0580, 12.4210,
22.7010

■ 183.7100, 13.5210,
24.7930

■ 80.3460, 11.5500,
21.9660

■ 212.0090, 14.1170,
25.0050

■ 56.5200, 11.0000,
20.9200

■ 234.4550, 9.6250,
18.3050

■ 33.8080, 10.1290,
20.1850

■ 250.8910, 1.9250,
3.6610

■ 14.8680, 9.9000,
18.8280

■ 1.3680, -3.8520,
3.7320

■ 0.0000, 0.0000,

0.0000

■ 130.4710, 12.6960,
23.2240

■ 130.4710, 12.6960,
23.2240

■ 121.0790, 17.0960,
31.5920

■ 139.8630, 8.2960,
14.8560

■ 112.1600, 21.5420,
39.1260

■ 148.7820, 3.8500,
7.3220

■ 102.7680, 25.9420,
47.4940

■ 158.1740, -0.5500,
-1.0460

■ 93.3760, 30.3420,
55.8620

■ 167.5660, -4.9500,
-9.4140

■ 83.8700, 35.0630,
63.9190

■ 177.0720, -9.6710,
-17.4710

■ 75.0650, 39.1880,
71.7640

■ 185.8770,
-13.7960, -25.3160

65.5590, 43.9090,
79.8210

195.3830,
-18.5170, -33.3730

64.3850, 44.4590,
80.8670

204.7750,
-22.9170, -41.7410

213.5800,
-27.0420, -49.5860

Harmonies

Analogous

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



128.5370, -14.0330, 17.5430



130.4710, 12.6960, 23.2240



130.0680, 32.8240, 21.8800

Triad

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



130.4710, 12.6960, 23.2240



125.1770, 29.7580, -10.6740



103.6510, -77.3890, -23.7010

Complementary

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



130.4710, 12.6960, 23.2240



138.5290, -12.6960, -23.2240

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.



112.9350, -46.0740, -24.0420



130.4710, 12.6960, 23.2240



122.3700, 9.8610, -19.0270

Square

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



130.4710, 12.6960, 23.2240



127.0140, 40.9430, 1.3830



118.6750, -16.0430, -23.1390



110.5630, -70.7890, -11.1490

Rectangle

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



130.4710, 12.6960, 23.2240



128.9130, 40.3900, 16.9180



118.6750, -16.0430, -23.1390



106.9140, -67.9440, -24.1680

Sweetspot

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



130.4710, 12.6960, 23.2240



193.4340, 4.9500, 9.4140



117.4290, -13.8490, 14.2070



95.5430, 3.0250, 5.7530



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.



130.4710, 12.6960, 23.2240



163.2690, 19.6170, 35.4650



127.9630, 19.7580, 16.3820



74.3040, 2.2000, 4.1840



58.7170, 40.2880, 73.8560



6.1950, 4.1250, 7.8450

Inverse Universe

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



130.4710, 12.6960, 23.2240



163.2690, 19.6170, 35.4650



141.0370, -19.7580, -16.3820



74.3040, 2.2000, 4.1840



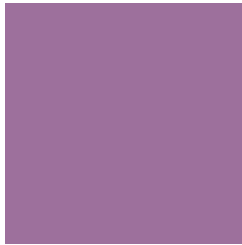
58.7170, 40.2880, 73.8560



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 130.4710, 12.6960, 23.2240 looks on a white background.

Color Contrast Check

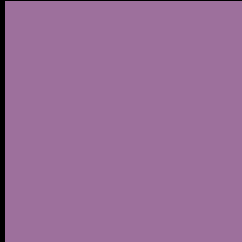
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.4710, 12.6960, 23.2240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

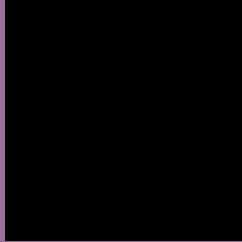
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.4710, 12.6960, 23.2240

Background



This preview shows how black text looks on a background with the YIQ color 130.4710, 12.6960, 23.2240.



This preview shows how white text looks on a background with the YIQ color 130.4710, 12.6960,

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

130.4710, 12.6960, 23.2240

Protanopia

127.5700, -18.8000, 10.3200

Deuteranopia

128.0180, -8.4380, 9.7540



Tritanopia

129.4910, 17.9710, 10.2190

Trichromacy



Original Color

130.4710, 12.6960, 23.2240

Protanomaly

128.6640, -7.2010, 14.8710

Deuteranomaly

129.0730, -1.1030, 14.4890

Tritanomaly

129.8700, 15.5860, 14.8980

Monochromacy



Original Color

130.4710, 12.6960, 23.2240

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.4710, 12.6960, 23.2240 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(157, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(157, 112, 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(157, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 112, 156) }
```

Border

The CSS property to change the border of an element to YIQ 130.4710, 12.6960, 23.2240 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(157, 112, 156) }
```


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

```
.border{ border-color:rgb(157, 112, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(157, 112,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 130.4710, 12.6960, 23.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 112, 156) }
```

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

```
.background{ background-color: rgb(157,  
112, 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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