

Converting Colors

YIQ(138.2550, 22.2320, 26.6160)

Have a look what the booklet for
YIQ(138.2550, 22.2320, 26.6160)
contains.

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Color

**YIQ(138.2550, 22.2320,
26.6160)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B0739F |
| RGB | 176, 115, 159 |
| RGB Percent | 69%, 45%, 62% |
| CMY | 0.3096, 0.5491, 0.3764 |
| CMYK | 0.00, 0.35, 0.10, 0.31 |
| HSL | 317°, 28%, 57% |
| HSV | 317°, 35%, 69% |
| XYZ | 30.3015, 23.9946, 35.8415 |
| YIQ | 138.2550, 22.2320, 26.6160 |

Conversions

Conversions Part 2

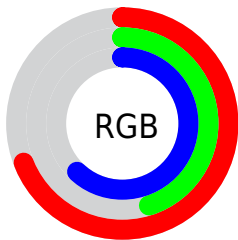
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 176, 115, 159 |
| Decimal | 11563935 |
| CIELab | 56.08, 30.87, -13.81 |
| CIELCh | 56, 33.819, 335.893 |
| Yxy | 23.9946, 0.3362, 0.2662 |
| Android (android.graphics.Color) | 4289754015 (0xFFB0739F) |
| YUV | 138.2550, 10.2273, 33.1024 |
| Hunter-Lab | 48.9842, 24.6970, -9.0932 |

Details

The YIQ color **138.2550, 22.2320, 26.6160** is a light color, and the websafe version is hex **996699**. A complement of this color would be **152.7450, -22.2320, -26.6160**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.3800, 23.3780, 27.8740**, and **86.9450, 20.1690, 25.4570** is the 20% darker color. If you saturate the color by 10%, you get **127.1190, 28.7870, 34.4750**, and if you desaturate by 10%, it is **149.3910, 15.6770, 18.7570**.

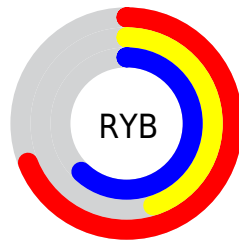
Distribution



Red (69%)

Green (45%)

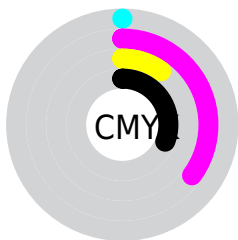
Blue (62%)



Red (69%)

Yellow (45%)

Blue (62%)

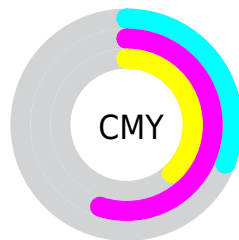


Cyan (0%)

Magenta (35%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.2550, 22.2320, 26.6160 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 138.2550, 22.2320, 26.6160 by changing the saturation by 10% instead.

■ 138.2550, 22.2320,
26.6160

■ 138.2550, 22.2320,
26.6160

■ 255.0000, -0.0000,
-0.0000

■ 112.5430, 21.3610,
25.8810

■ 192.6790, 23.9740,
28.0860

■ 86.9450, 20.1690,
25.4570

■ 218.2980, 20.6730,
27.3370

■ 63.1190, 19.6190,
24.4110

■ 236.8030, 8.5250,
16.2130

■ 38.9340, 18.7020,
24.5100

■ 253.2390, 0.8250,
1.5690

■ 18.6840, 16.4100,
21.9940

■ 8.8150, 8.2510,
10.1630

■ 0.0000, 0.0000,

0.0000

■ 138.2550, 22.2320,
26.6160

■ 138.2550, 22.2320,
26.6160

■ 127.1190, 28.7870,
34.4750

■ 149.3910, 15.6770,
18.7570

■ 116.5700, 35.0670,
41.8110

■ 159.9400, 9.3970,
11.4210

■ 105.4340, 41.6220,
49.6700

■ 171.0760, 2.8420,
3.5620

■ 94.8850, 47.9020,
57.0060

■ 181.6250, -3.4380,
-3.7740

■ 83.7490, 54.4570,
64.8650

■ 192.7610, -9.9930,
-11.6330

■ 72.7270, 60.6910,
73.0350

■ 203.7830,
-16.2270, -19.8030

67.1020, 64.1290,
76.8090

214.3320,
-22.5070, -27.1390

224.8810,
-28.7870, -34.4750

225.4510,
-30.3920, -32.9200

Harmonies

Analogous

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



137.4780, -6.3770, 21.9670



138.2550, 22.2320, 26.6160



136.7870, 40.9850, 22.6570

Triad

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



138.2550, 22.2320, 26.6160



132.0470, 27.0080, -15.9040



106.6150, -94.9030, -25.6790

Complementary

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



138.2550, 22.2320, 26.6160



152.7450, -22.2320, -26.6160

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.



113.1650, -67.3930, -28.6490



138.2550, 22.2320, 26.6160



128.4290, 2.2050, -23.4510

Square

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



138.2550, 22.2320, 26.6160



133.7490, 43.0070, -2.9850



123.2220, -28.0090, -26.5450



118.1050, -75.1910, -8.4630

Rectangle

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



138.2550, 22.2320, 26.6160



135.9800, 47.4510, 15.6030



123.2220, -28.0090, -26.5450



106.1760, -92.2890, -29.0010

Sweetspot

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



138.2550, 22.2320, 26.6160



215.7010, 8.5720, 9.8520



126.7380, -10.0450, 22.3630



106.3260, 5.1340, 6.0780



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



138.2550, 22.2320, 26.6160



169.9830, 35.3420, 42.3340



134.8350, 31.8620, 17.2860



83.4890, 3.1170, 4.0850



58.2870, 55.8780, 66.6460



9.8260, 9.7180, 11.1100

Inverse Universe

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



138.2550, 22.2320, 26.6160



169.9830, 35.3420, 42.3340



156.1650, -31.8620, -17.2860



83.4890, 3.1170, 4.0850



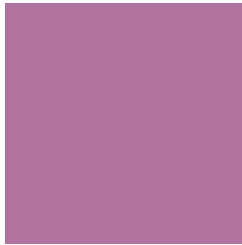
58.2870, 55.8780, 66.6460



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 138.2550, 22.2320, 26.6160 looks on a white background.

Color Contrast Check

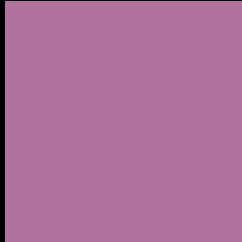
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.2550, 22.2320, 26.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

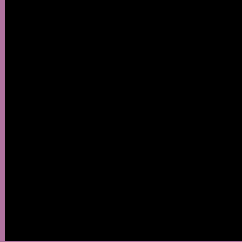
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.2550, 22.2320, 26.6160

Background



This preview shows how black text looks on a background with the YIQ color 138.2550, 22.2320, 26.6160.



This preview shows how white text looks on a background with the YIQ color 138.2550, 22.2320,

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

138.2550, 22.2320, 26.6160

Protanopia

135.0540, -17.2870, 10.4330

Deuteranopia

135.9430, -3.8530, 9.2590



Tritanopia

137.2750, 27.5070, 13.6110

Trichromacy



Original Color

138.2550, 22.2320, 26.6160

Protanomaly

136.0560, -2.4330, 16.5670

Deuteranomaly

136.7210, 5.8200, 15.6760

Tritanomaly

137.6540, 25.1220, 18.2900

Monochromacy



Original Color

138.2550, 22.2320, 26.6160

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.4020, 7.9760, 9.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.2550, 22.2320, 26.6160 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(176, 115, 159)` looks like.

```
.text, #text, p{  
    color:rgb(176, 115, 159)  
}
```

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(176, 115, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 115, 159) }
```

Border

The CSS property to change the border of an element to YIQ 138.2550, 22.2320, 26.6160 is called "border". The border property can be set on classes, ids or directly on the HTML element.

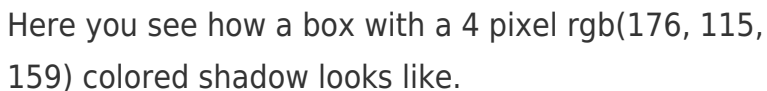
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 115, 159) }
```


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

```
.border{ border-color:rgb(176, 115, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 115, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 115, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 115, 159); box-shadow:4px 4px 4px 4px rgb(176, 115, 159) }
```

Background

The CSS property to change the background color of an element to YIQ 138.2550, 22.2320, 26.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 115, 159) }
```

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

```
.background{ background-color: rgb(176,  
115, 159) }
```

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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