

Converting Colors

YIQ(138.7360, 10.6320, 27.5920)

Have a look what the booklet for
YIQ(138.7360, 10.6320, 27.5920)
contains.

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Color

**YIQ(138.7360, 10.6320,
27.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	A676AE
RGB	166, 118, 174
RGB Percent	65%, 46%, 68%
CMY	0.3489, 0.5373, 0.3176
CMYK	0.05, 0.32, 0.00, 0.32
HSL	291°, 26%, 57%
HSV	291°, 32%, 68%
XYZ	29.8499, 24.1192, 43.1265
YIQ	138.7360, 10.6320, 27.5920

Conversions

Conversions Part 2

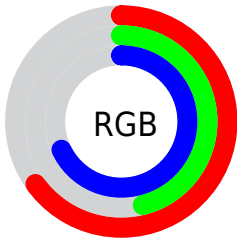
Format	Color
R_{YB}	166, 118, 174
Decimal	10909358
CIE _{Lab}	56.21, 28.63, -22.38
CIE _{LCh}	56, 36.339, 321.978
Yxy	24.1192, 0.3074, 0.2484
Android (android.graphics.Color)	4289099438 (0xFFA676AE)
YUV	138.7360, 17.3852, 23.9105
Hunter-Lab	49.1113, 22.5475, -17.6868

Details

The YIQ color **138.7360, 10.6320, 27.5920** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.2640, -10.6320, -27.5920**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9750, 11.4570, 29.1610**, and **88.0840, 9.5320, 25.5000** is the 20% darker color. If you saturate the color by 10%, you get **128.1590, 14.1150, 36.0590**, and if you desaturate by 10%, it is **149.6120, 7.7450, 19.3370**.

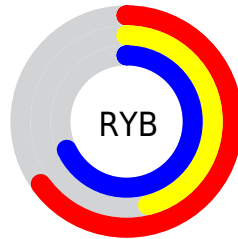
Distribution



Red (65%)

Green (46%)

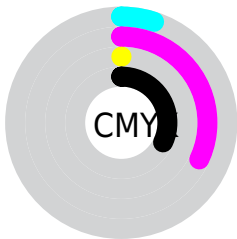
Blue (68%)



Red (65%)

Yellow (46%)

Blue (68%)

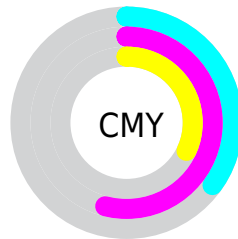


Cyan (5%)

Magenta (32%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (54%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7360, 10.6320, 27.5920 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 138.7360, 10.6320, 27.5920 by changing the saturation by 10% instead.

■ 138.7360, 10.6320,
27.5920

■ 138.7360, 10.6320,
27.5920

■ 255.0000, -0.0000,
-0.0000

■ 112.9100, 10.0820,
26.5460

■ 192.9750, 11.4570,
29.1610

■ 88.0840, 9.5320,
25.5000

■ 220.3450, 13.2910,
28.9630

■ 63.6710, 9.2570,
24.9770

■ 237.9770, 7.9750,
15.1670

■ 40.2580, 8.9820,
24.4540

■ 17.6600, 7.7900,
24.0300

■ 7.1930, -1.5610,
11.7750

■ 0.0000, 0.0000,

0.0000

■ 138.7360, 10.6320,
27.5920

■ 138.7360, 10.6320,
27.5920

■ 128.1590, 14.1150,
36.0590

■ 149.6120, 7.7450,
19.3370

■ 116.6960, 17.2770,
44.8370

■ 160.7760, 3.9870,
10.3470

■ 106.1190, 20.7600,
53.3040

■ 171.3530, 0.5040,
1.8800

■ 94.6560, 23.9220,
62.0820

■ 182.8160, -2.6580,
-6.8980

■ 84.0790, 27.4050,
70.5490

■ 193.3930, -6.1410,
-15.3650

■ 73.2030, 30.2920,
78.8040

■ 204.2690, -9.0280,
-23.6200

■ 64.3870, 32.9500,
85.7020

■ 215.4330,
-12.7860, -32.6100

■ 225.1350,
-15.1230, -39.8190

■ 225.7330,
-13.9310, -39.3950

Harmonies

Analogous

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



135.6870, -23.2030, 18.5330



138.7360, 10.6320, 27.5920



137.9100, 36.4450, 27.8450

Triad

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



138.7360, 10.6320, 27.5920



132.9560, 37.6900, -11.2540



106.5350, -91.9220, -30.1460

Complementary

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



138.7360, 10.6320, 27.5920



153.2640, -10.6320, -27.5920

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.



116.6410, -54.2340, -30.3460



138.7360, 10.6320, 27.5920



129.8990, 15.5010, -22.1230

Square

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



138.7360, 10.6320, 27.5920



134.9720, 49.9290, 3.7290



125.2250, -14.8960, -27.4080



107.8520, -99.7640, -20.1800

Rectangle

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



138.7360, 10.6320, 27.5920



136.3100, 46.7620, 22.5860



125.2250, -14.8960, -27.4080



105.3950, -88.7120, -33.2560

Sweetspot

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



138.7360, 10.6320, 27.5920



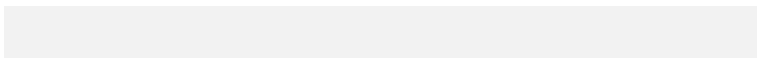
212.6020, 4.5370, 11.3930



129.0800, -20.1760, 13.2320



106.1840, 2.6580, 6.8980



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.



138.7360, 10.6320, 27.5920



170.8700, 16.7270, 43.7910



138.8480, 21.8200, 23.0680



81.1190, 1.2830, 4.2830



55.6710, 28.7340, 73.9980



8.6020, 4.5370, 11.3930

Inverse Universe

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



135.6560, 30.8080, 14.3600



166.0930, 48.8710, 22.9110



153.1520, -21.8200, -23.0680



80.8050, 5.0430, 2.2190



47.2440, 82.6590, 38.3310



7.2190, 12.7450, 5.8090

Previews

White Background



This preview shows how the YIQ color 138.7360, 10.6320, 27.5920 looks on a white background.

Color Contrast Check

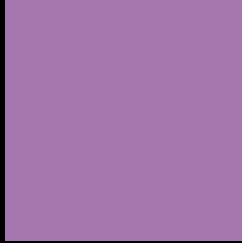
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7360, 10.6320, 27.5920 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 138.7360, 10.6320, 27.5920

Background



This preview shows how black text looks on a background with the YIQ color 138.7360, 10.6320, 27.5920.



This preview shows how white text looks on a background with the YIQ color 138.7360, 10.6320,

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

138.7360, 10.6320, 27.5920

Protanopia

135.0410, -24.4400, 13.4160

Deuteranopia

135.5490, -14.3070, 11.4930



Tritanopia

137.4910, 17.9710, 10.2190

Trichromacy



Original Color

138.7360, 10.6320, 27.5920

Protanomaly

136.7330, -11.6490, 18.3910

Deuteranomaly

136.6150, -5.5050, 17.1750

Tritanomaly

137.9240, 15.4940, 16.5660

Monochromacy



Original Color

138.7360, 10.6320, 27.5920

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.7760, 3.9870, 10.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7360, 10.6320, 27.5920 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(166, 118, 174)` looks like.

```
.text, #text, p{  
    color:rgb(166, 118, 174)  
}
```

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(166, 118, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 118, 174) }
```

Border

The CSS property to change the border of an element to YIQ 138.7360, 10.6320, 27.5920 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(166, 118, 174) }
```


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

```
.border{ border-color:rgb(166, 118, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 118, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 118, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 118, 174);  
box-shadow:4px 4px 4px 4px rgb(166, 118,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7360, 10.6320, 27.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 118, 174) }
```

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

```
.background{ background-color: rgb(166,  
118, 174) }
```

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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