

Converting Colors

YIQ(145.2340, 0.3620, 26.4900)

Have a look what the booklet for
YIQ(145.2340, 0.3620, 26.4900)
contains.

YIQ(145.2340, 0.3620, 26.4900)	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(145.2340, 0.3620,
26.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	A280BE
RGB	162, 128, 190
RGB Percent	64%, 50%, 75%
CMY	0.3646, 0.4981, 0.2549
CMYK	0.15, 0.33, 0.00, 0.25
HSL	273°, 32%, 62%
HSV	273°, 33%, 75%
XYZ	31.9168, 26.8364, 52.2061
YIQ	145.2340, 0.3620, 26.4900

Conversions

Conversions Part 2

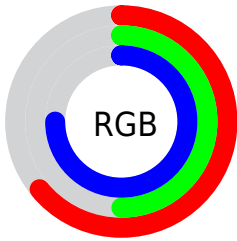
Format	Color
R_{YB}	162, 128, 190
Decimal	10649790
CIE _{Lab}	58.82, 25.02, -27.53
CIE _{LCh}	59, 37.204, 312.266
Yxy	26.8364, 0.2876, 0.2419
Android (android.graphics.Color)	4288839870 (0xFFA280BE)
YUV	145.2340, 22.0696, 14.7038
Hunter-Lab	51.8039, 19.3185, -23.4877

Details

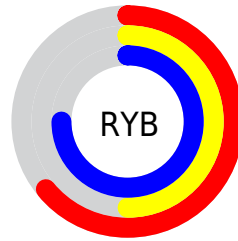
The YIQ color **145.2340, 0.3620, 26.4900** is a light color, and the websafe version is hex **996699**. A complement of this color would be **172.7660, -0.3620, -26.4900**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.5870, 0.8660, 28.3700**, and **93.8810, -0.1420, 24.6100** is the 20% darker color. If you saturate the color by 10%, you get **131.3900, 0.2230, 34.5190**, and if you desaturate by 10%, it is **159.0780, 0.5010, 18.4610**.

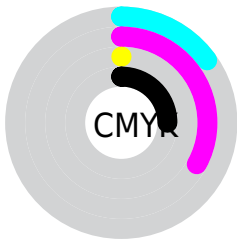
Distribution



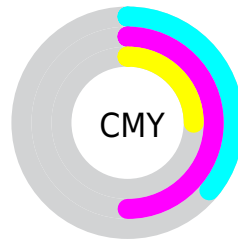
- Red (64%)
- Green (50%)
- Blue (75%)



- Red (64%)
- Yellow (50%)
- Blue (75%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.2340, 0.3620, 26.4900 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 145.2340, 0.3620, 26.4900 by changing the saturation by 10% instead.


 145.2340, 0.3620,
26.4900

 145.2340, 0.3620,
26.4900


255.0000, -0.0000,
-0.0000


 119.4080, -0.1880,
25.4440


 199.5870, 0.8660,
28.3700


 93.8810, -0.1420,
24.6100


 225.3070, 7.2860,
22.1500

 70.0550, -0.6920,
23.5640

 244.4340, 4.9500,
9.4140

 47.1150, -0.9210,
22.2070

 24.4030, -1.7920,
21.4720

 9.7570, -3.0290,
16.3550

 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 145.2340, 0.3620,
26.4900

■ 145.2340, 0.3620,
26.4900

■ 131.3900, 0.2230,
34.5190

■ 159.0780, 0.5010,
18.4610

■ 117.8450, 0.6800,
42.7600

■ 172.6230, 0.0440,
10.2200

■ 104.0010, 0.5410,
50.7890

■ 186.4670, 0.1830,
2.1910

■ 90.4560, 0.9980,
59.0300

■ 200.0120, -0.2740,
-6.0500

■ 76.6120, 0.8590,
67.0590

■ 213.8560, -0.1350,
-14.0790

63.0670, 1.3160,
75.3000

227.4010, -0.5920,
-22.3200

52.7560, 0.9940,
81.1380

237.7230, 1.1970,
-27.2110

240.4140, 6.5610,
-25.3030

242.8060, 11.3290,
-23.6070

Harmonies

Analogous

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



139.6360, -36.3610, 14.7030



145.2340, 0.3620, 26.4900



145.1420, 29.9800, 29.3720

Triad

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



145.2340, 0.3620, 26.4900



140.5980, 44.7500, -7.0420



110.8890, -93.1590, -35.2630

Complementary

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



145.2340, 0.3620, 26.4900



172.7660, -0.3620, -26.4900

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.



126.5840, -40.8920, -29.8520



145.2340, 0.3620, 26.4900



137.7430, 24.8080, -20.0880

Square

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



145.2340, 0.3620, 26.4900



142.4010, 53.2750, 9.1710



133.4990, -3.9840, -26.9280



113.1350, -102.2390, -24.8870

Rectangle

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



145.2340, 0.3620, 26.4900



143.8630, 43.8270, 26.2190



133.4990, -3.9840, -26.9280



116.8110, -75.3240, -33.5960

Sweetspot

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



145.2340, 0.3620, 26.4900



229.6230, 0.0440, 10.2200



152.0910, -27.8770, 4.1150



114.1020, -0.0470, 6.3610



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



145.2340, 0.3620, 26.4900



177.7910, 0.7720, 41.0920



153.3780, 17.6920, 31.8040



87.5210, 0.0910, 3.8590



44.0250, 1.1340, 67.5820



8.6170, 0.1810, 13.2450

Inverse Universe

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



149.7300, 27.9640, 21.8520



184.6060, 43.4130, 33.7250



164.6220, -17.6920, -31.8040



88.1470, 4.0800, 3.1520



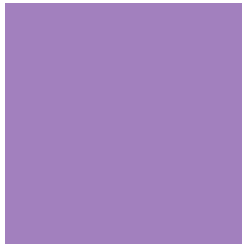
55.3360, 71.3770, 55.5770



10.8650, 13.9820, 10.9260

Previews

White Background



This preview shows how the YIQ color 145.2340, 0.3620, 26.4900 looks on a white background.

Color Contrast Check

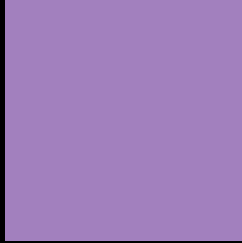
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2340, 0.3620, 26.4900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

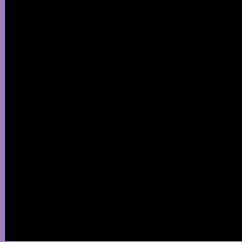
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 145.2340, 0.3620, 26.4900

Background



This preview shows how black text looks on a background with the YIQ color 145.2340, 0.3620, 26.4900.



This preview shows how white text looks on a background with the YIQ color 145.2340, 0.3620,

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

145.2340, 0.3620, 26.4900

Protanopia

141.6430, -29.0710, 14.7450

Deuteranopia

141.8950, -21.0930, 13.3310



Tritanopia

142.9350, 7.7930, 7.4490

Trichromacy



Original Color

145.2340, 0.3620, 26.4900

Protanomaly

143.1390, -18.6640, 18.8720

Deuteranomaly

143.2490, -13.1620, 18.2780

Tritanomaly

143.8950, 5.2700, 14.6300

Monochromacy



Original Color

145.2340, 0.3620, 26.4900

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.0960, 0.0900, 9.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.2340, 0.3620, 26.4900 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(162, 128, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 128, 190)  
}
```

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(162, 128, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 128, 190) }
```

Border

The CSS property to change the border of an element to YIQ 145.2340, 0.3620, 26.4900 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(162, 128, 190) }
```


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

```
.border{ border-color:rgb(162, 128, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 128, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 128, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 128, 190);  
box-shadow:4px 4px 4px 4px rgb(162, 128,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 145.2340, 0.3620, 26.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 128, 190) }
```

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

```
.background{ background-color: rgb(162,  
128, 190) }
```

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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