

Converting Colors

YIQ(61.7380, 26.6270, 62.6190)

Have a look what the booklet for
YIQ(61.7380, 26.6270, 62.6190)
contains.

| | |
|--|----|
| YIQ(61.7380, 26.6270, 62.6190) | 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(61.7380, 26.6270,
62.6190)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7E0E8B |
| RGB | 126, 14, 139 |
| RGB Percent | 49%, 5%, 55% |
| CMY | 0.5055, 0.9453, 0.4549 |
| CMYK | 0.09, 0.90, 0.00, 0.45 |
| HSL | 294°, 82%, 30% |
| HSV | 294°, 90%, 55% |
| XYZ | 13.4339, 6.6193, 24.9966 |
| YIQ | 61.7380, 26.6270, 62.6190 |

Conversions

Conversions Part 2

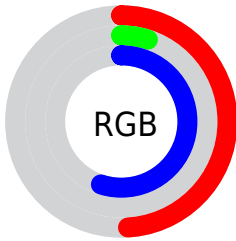
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 126, 14, 139 |
| Decimal | 8261259 |
| CIE _{Lab} | 30.92, 58.19, -41.56 |
| CIE _{LCh} | 31, 71.508, 324.466 |
| Yxy | 6.6193, 0.2982, 0.1469 |
| Android (android.graphics.Color) | 4286451339 (0xFF7E0E8B) |
| YUV | 61.7380, 38.0902, 56.3578 |
| Hunter-Lab | 25.7279, 48.1804, -39.5950 |

Details

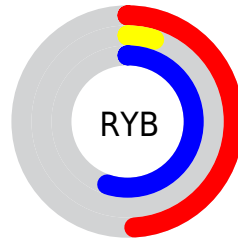
The YIQ color **61.7380, 26.6270, 62.6190** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **91.2620, -26.6270, -62.6190**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **121.6190, 25.3440, 58.3360**, and **31.5600, 14.6640, 42.6320** is the 20% darker color. If you saturate the color by 10%, you get **53.2210, 29.8810, 69.7290**, and if you desaturate by 10%, it is **70.5540, 23.9690, 55.7210**.

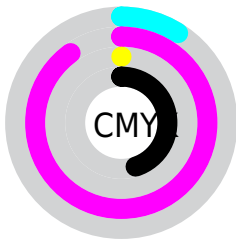
Distribution



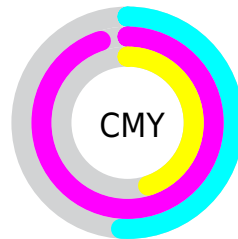
- Red (49%)
- Green (5%)
- Blue (55%)



- Red (49%)
- Yellow (5%)
- Blue (55%)



- Cyan (9%)
- Magenta (90%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.7380, 26.6270, 62.6190 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 61.7380, 26.6270, 62.6190 by changing the saturation by 10% instead.

61.7380, 26.6270,
62.6190

61.7380, 26.6270,
62.6190

255.0000, -0.0000,
-0.0000

42.4830, 22.7310,
56.1310

121.6190, 25.3440,
58.3360

31.5600, 14.6640,
42.6320

149.9180, 25.9400,
58.5480

21.6480, 8.0640,
30.0800

178.0430, 27.0860,
59.8060

9.1590, -4.2210,
15.9310

199.2350, 26.1250,
49.6850


2.7530, -6.3740,
5.3860


215.6710, 18.4250,
35.0410


0.0000, 0.0000,
0.0000


232.6940, 10.4500,


19.8740


 249.7170, 2.4750,
4.7070


 61.7380, 26.6270,
62.6190


 61.7380, 26.6270,
62.6190


 53.2210, 29.8810,
69.7290

 70.5540, 23.9690,
55.7210

 79.0710, 20.7150,
48.6110

 87.5880, 17.4610,
41.5010

 96.4040, 14.8030,
34.6030

 104.3340, 11.8240,
28.0160

■ 113.1500, 9.1660,
21.1180

■ 121.6670, 5.9120,
14.0080

■ 130.4830, 3.2540,
7.1100

■ 139.0000, -0.0000,
0.0000

Harmonies

Analogous

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



57.1590, -74.1420, 22.0980



61.7380, 26.6270, 62.6190



57.9430, 68.3500, 60.8780

Triad

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



61.7380, 26.6270, 62.6190



68.9300, 40.5790, -14.0530



68.6300, -63.7280, -12.4640

Complementary

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



61.7380, 26.6270, 62.6190



91.2620, -26.6270, -62.6190

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.



61.4310, -44.8350, -29.9790



61.7380, 26.6270, 62.6190



61.8770, 3.3990, -34.0810

Square

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



61.7380, 26.6270, 62.6190



62.3940, 72.3480, 10.4280



52.8300, -24.7500, -47.0700



73.4010, -78.5400, 2.6760

Rectangle

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



61.7380, 26.6270, 62.6190



54.9210, 82.6110, 50.2190



52.8300, -24.7500, -47.0700



66.4640, -57.6290, -18.3730

Sweetspot

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



61.7380, 26.6270, 62.6190



150.7420, 10.4950, 24.5670



37.0550, -44.2500, 31.0300



73.4930, 6.4620, 15.0540



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



61.7380, 26.6270, 62.6190



69.0720, 38.4510, 90.6350



60.1530, 49.7830, 50.4470



64.5920, 1.3290, 3.4490



50.7430, 28.2310, 66.5910



2.0650, 1.3750, 2.6150

Inverse Universe

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



52.8570, 70.3270, 30.5430



56.2850, 101.7770, 44.2810



92.8470, -49.7830, -50.4470



64.2070, 3.8510, 1.7950



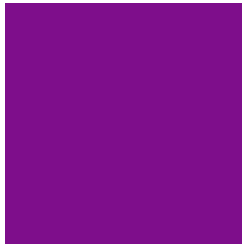
41.3630, 74.7740, 32.5500



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 61.7380, 26.6270, 62.6190 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

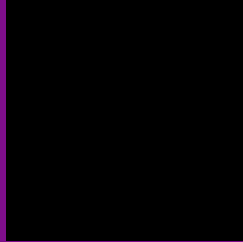
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.7380, 26.6270, 62.6190

Background



This preview shows how black text looks on a background with the YIQ color 61.7380, 26.6270, 62.6190.



This preview shows how white text looks on a background with the YIQ color 61.7380, 26.6270,

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

61.7380, 26.6270, 62.6190

Protanopia

59.7060, -68.9130, 9.9270

Deuteranopia

67.9180, -46.2630, 6.9290



Tritanopia

74.2820, 34.7970, 13.6530

Trichromacy



Original Color

61.7380, 26.6270, 62.6190

Protanomaly

60.5630, -34.1170, 29.1070

Deuteranomaly

65.5230, -19.4450, 27.5230

Tritanomaly

69.9790, 31.9970, 31.3650

Monochromacy



Original Color

61.7380, 26.6270, 62.6190

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

62.0900, 9.3950, 22.4750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.7380, 26.6270, 62.6190 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(126, 14, 139)` looks like.

```
.text, #text, p{  
    color:rgb(126, 14, 139)  
}
```

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(126, 14, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 14, 139) }
```

Border

The CSS property to change the border of an element to YIQ 61.7380, 26.6270, 62.6190 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(126, 14, 139) }
```


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

```
.border{ border-color:rgb(126, 14, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 14, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 14, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 14, 139);  
box-shadow:4px 4px 4px 4px rgb(126, 14,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 61.7380, 26.6270, 62.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 14, 139) }
```

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

```
.background{ background-color: rgb(126, 14,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor