

Converting Colors

YIQ(61.6500, 14.8910, 55.0430)

Have a look what the booklet for
YIQ(61.6500, 14.8910, 55.0430)
contains.

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Color

**YIQ(61.6500, 14.8910,
55.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	6E168B
RGB	110, 22, 139
RGB Percent	43%, 9%, 55%
CMY	0.5683, 0.9139, 0.4549
CMYK	0.21, 0.84, 0.00, 0.45
HSL	285°, 73%, 32%
HSV	285°, 84%, 55%
XYZ	11.3852, 5.7559, 24.9339
YIQ	61.6500, 14.8910, 55.0430

Conversions

Conversions Part 2

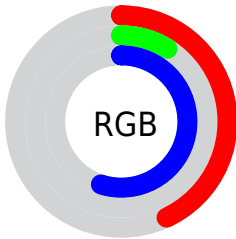
Format	Color
R_{YB}	110, 22, 139
Decimal	7214731
CIE _{Lab}	28.79, 53.42, -45.14
CIE _{LCh}	29, 69.939, 319.803
Yxy	5.7559, 0.2706, 0.1368
Android (android.graphics.Color)	4285404811 (0xFF6E168B)
YUV	61.6500, 38.1335, 42.4029
Hunter-Lab	23.9914, 42.7227, -44.8253

Details

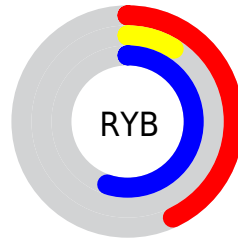
The YIQ color **61.6500, 14.8910, 55.0430** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **99.3500, -14.8910, -55.0430**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **117.7100, 14.6620, 53.6860**, and **27.0750, 5.7240, 39.4520** is the 20% darker color. If you saturate the color by 10%, you get **52.5350, 16.9530, 61.7290**, and if you desaturate by 10%, it is **71.0640, 13.4250, 48.5690**.

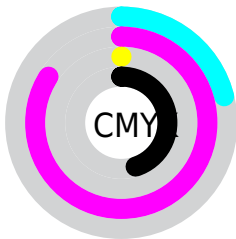
Distribution



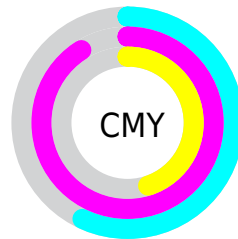
- Red (43%)
- Green (9%)
- Blue (55%)



- Red (43%)
- Yellow (9%)
- Blue (55%)



- Cyan (21%)
- Magenta (84%)
- Yellow (0%)
- Black (45%)



- Cyan (57%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.6500, 14.8910, 55.0430 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 61.6500, 14.8910, 55.0430 by changing the saturation by 10% instead.

61.6500, 14.8910,
55.0430

61.6500, 14.8910,
55.0430

255.0000, -0.0000,
-0.0000

37.6990, 13.1950,
52.7390

117.7100, 14.6620,
53.6860

27.0750, 5.7240,
39.4520

144.9490, 15.4870,
55.2550

17.4620, -0.2800,
27.1120

172.6610, 16.3580,
55.9900

4.6740, -13.1610,
12.7510

197.7510, 24.6120,
49.5720


2.7530, -6.3740,
5.3860


215.0840, 18.7000,
35.5640


0.0000, 0.0000,
0.0000


232.1070, 10.7250,


20.3970


 249.1300, 2.7500,
5.2300


 61.6500, 14.8910,
55.0430

 61.6500, 14.8910,
55.0430


 52.5350, 16.9530,
61.7290

 71.0640, 13.4250,
48.5690

 47.2410, 17.9610,
65.4890

 80.1790, 11.3630,
41.8830

 89.2940, 9.3010,
35.1970

 98.7080, 7.8350,
28.7230

 107.2360, 6.0480,
22.5600

■ 116.6500, 4.5820,
16.0860

■ 125.7650, 2.5200,
9.4000

■ 135.1790, 1.0540,
2.9260

■ 144.2940, -1.0080,
-3.7600

Harmonies

Analogous

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



56.5890, -72.5370, 20.5430



61.6500, 14.8910, 55.0430



54.9960, 60.8310, 59.4790

Triad

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



61.6500, 14.8910, 55.0430



64.2340, 42.7790, -9.8690



63.3980, -57.2630, -13.9910

Complementary

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



61.6500, 14.8910, 55.0430



99.3500, -14.8910, -55.0430

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.



56.4270, -39.0120, -30.8840



61.6500, 14.8910, 55.0430



59.2630, 8.3040, -29.3600

Square

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



61.6500, 14.8910, 55.0430



54.1650, 74.7310, 16.8030



49.3080, -23.1000, -43.9320



68.8700, -72.6710, 0.9370

Rectangle

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



61.6500, 14.8910, 55.0430



52.9850, 76.5590, 49.7670



49.3080, -23.1000, -43.9320



61.3460, -51.4850, -19.5890

Sweetspot

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



61.6500, 14.8910, 55.0430



151.2960, 5.8190, 21.2030



52.3610, -45.5320, 21.2200



73.4710, 3.5280, 13.1600



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.



61.6500, 14.8910, 55.0430



61.2980, 22.9550, 85.1230



67.0150, 41.4840, 52.1720



64.2930, 0.7330, 3.2370



45.0620, 16.9070, 62.5630



1.7660, 0.7790, 2.4030

Inverse Universe

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



60.2890, 60.4230, 33.8230



59.2490, 93.4310, 52.3670



93.9850, -41.4840, -52.1720



64.3210, 3.5300, 2.1060



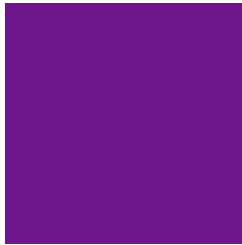
43.5290, 68.6750, 38.4590



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 61.6500, 14.8910, 55.0430 looks on a white background.

Color Contrast Check

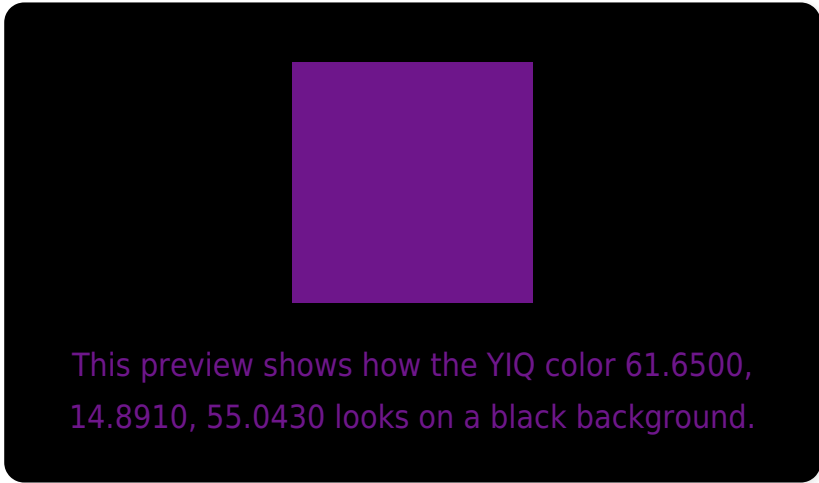
Large Text (above 18pt) WCAG AA ✓ Pass

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

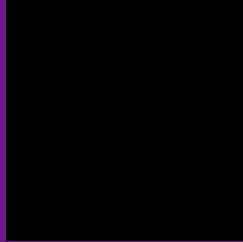
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.6500, 14.8910, 55.0430

Background



This preview shows how black text looks on a background with the YIQ color 61.6500, 14.8910, 55.0430.



This preview shows how white text looks on a background with the YIQ color 61.6500, 14.8910,

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

61.6500, 14.8910, 55.0430

Protanopia

55.5170, -64.0070, 9.1210

Deuteranopia

55.8130, -59.3290, 1.4310



Tritanopia

70.0140, 23.7480, 10.1480

Trichromacy



Original Color

61.6500, 14.8910, 55.0430

Protanomaly

57.9710, -35.4460, 25.6580

Deuteranomaly

57.7770, -32.1440, 20.8800

Tritanomaly

66.7710, 20.7190, 26.5030

Monochromacy



Original Color

61.6500, 14.8910, 55.0430

Achromatopsia

62.0000, -0.0000, -0.0000

Achromatomaly

61.4700, 5.2690, 20.1570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.6500, 14.8910, 55.0430 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(110, 22, 139)` looks like.

```
.text, #text, p{  
    color:rgb(110, 22, 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(110, 22, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 22, 139) }
```

Border

The CSS property to change the border of an element to YIQ 61.6500, 14.8910, 55.0430 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(110, 22, 139) }
```


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

```
.border{ border-color:rgb(110, 22, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 22, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 22, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 22, 139);  
box-shadow:4px 4px 4px 4px rgb(110, 22,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 61.6500, 14.8910, 55.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 22, 139) }
```

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

```
.background{ background-color: rgb(110, 22,  
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](#).

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