

Converting Colors

YIQ(65.2610, 14.0680, 42.4200)

Have a look what the booklet for
YIQ(65.2610, 14.0680, 42.4200)
contains.

YIQ(65.2610, 14.0680, 42.4200)	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(65.2610, 14.0680,
42.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	69227A
RGB	105, 34, 122
RGB Percent	41%, 13%, 48%
CMY	0.5880, 0.8668, 0.5216
CMYK	0.14, 0.72, 0.00, 0.52
HSL	288°, 56%, 31%
HSV	288°, 72%, 48%
XYZ	9.9162, 5.5541, 18.9607
YIQ	65.2610, 14.0680, 42.4200

Conversions

Conversions Part 2

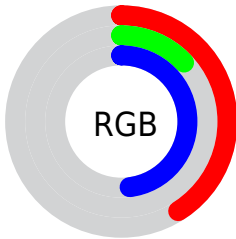
Format	Color
R_{YB}	105, 34, 122
Decimal	6890106
CIE Lab	28.26, 44.61, -35.38
CIE LCh	28, 56.937, 321.586
Yxy	5.5541, 0.2880, 0.1613
Android (android.graphics.Color)	4285080186 (0xFF69227A)
YUV	65.2610, 27.9723, 34.8511
Hunter-Lab	23.5672, 33.8638, -31.2041

Details

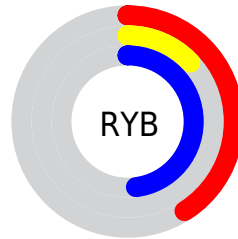
The YIQ color **65.2610, 14.0680, 42.4200** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **90.7390, -14.0680, -42.4200**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.3860, 15.2140, 43.6780**, and **24.4680, 8.7510, 34.1510** is the 20% darker color. If you saturate the color by 10%, you get **57.6190, 16.1760, 48.2720**, and if you desaturate by 10%, it is **72.9030, 11.9600, 36.5680**.

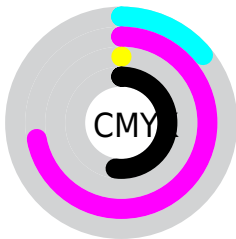
Distribution



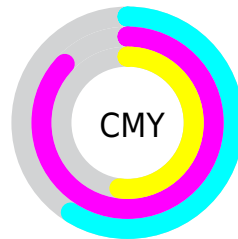
- Red (41%)
- Green (13%)
- Blue (48%)



- Red (41%)
- Yellow (13%)
- Blue (48%)



- Cyan (14%)
- Magenta (72%)
- Yellow (0%)
- Black (52%)



- Cyan (59%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.2610, 14.0680, 42.4200 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 65.2610, 14.0680, 42.4200 by changing the saturation by 10% instead.

65.2610, 14.0680,
42.4200

65.2610, 14.0680,
42.4200

255.0000, -0.0000,
-0.0000

35.8530, 15.3970,
45.8690

117.3860, 15.2140,
43.6780

24.4680, 8.7510,
34.1510

144.2120, 15.7640,
44.7240

15.2680, 3.0220,
22.3340

171.6250, 16.0390,
45.2470

3.6650, -8.9420,
7.8740

198.8810, 18.1940,
44.7380

0.0000, 0.0000,
0.0000

218.0190, 17.3250,
32.9490

235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

65.2610, 14.0680,
42.4200

65.2610, 14.0680,
42.4200

57.6190, 16.1760,
48.2720

72.9030, 11.9600,
36.5680

49.6780, 17.6880,
53.9120

80.8440, 10.4480,
30.9280

43.5090, 19.8420,
58.9300

89.0730, 8.0650,
24.5530

96.7150, 5.9570,
18.7010

104.6560, 4.4450,
13.0610

■ 112.2980, 2.3370,
7.2090

■ 119.9400, 0.2290,
1.3570

■ 128.4680, -1.5580,
-4.8060

■ 136.1100, -3.6660,
-10.6580

Harmonies

Analogous

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



54.7010, -61.3490, 16.0190



65.2610, 14.0680, 42.4200



49.8980, 55.0550, 54.0230

Triad

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



65.2610, 14.0680, 42.4200



63.6140, 38.6530, -12.1870



61.0670, -54.8330, -13.9770

Complementary

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



65.2610, 14.0680, 42.4200



90.7390, -14.0680, -42.4200

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.



55.2360, -39.7920, -27.7600



65.2610, 14.0680, 42.4200



59.2850, 11.2380, -27.4660

Square

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



65.2610, 14.0680, 42.4200



59.0830, 62.8580, 6.2020



47.5470, -22.2750, -42.3630



64.2250, -66.4810, -1.1130

Rectangle

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



65.2610, 14.0680, 42.4200



48.0870, 67.3440, 46.0640



47.5470, -22.2750, -42.3630



59.3570, -50.0180, -18.6420

Sweetspot

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



65.2610, 14.0680, 42.4200



135.3620, 5.4530, 16.8210



54.5980, -33.1980, 17.9540



65.4770, 3.3910, 10.1350



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



65.2610, 14.0680, 42.4200



69.8070, 22.1790, 66.1390



67.3800, 32.5460, 37.9380



57.1790, 1.0540, 2.9260



44.4490, 20.0710, 60.2870



89.7240, 40.6920, 121.6200

Inverse Universe

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



62.2500, 46.9910, 23.9430



64.9270, 73.3060, 37.1300



88.6200, -32.5460, -37.9380



56.9080, 3.2550, 1.5830



40.1110, 66.7960, 33.9640



80.9340, 134.4630, 68.6630

Previews

White Background



This preview shows how the YIQ color 65.2610, 14.0680, 42.4200 looks on a white background.

Color Contrast Check

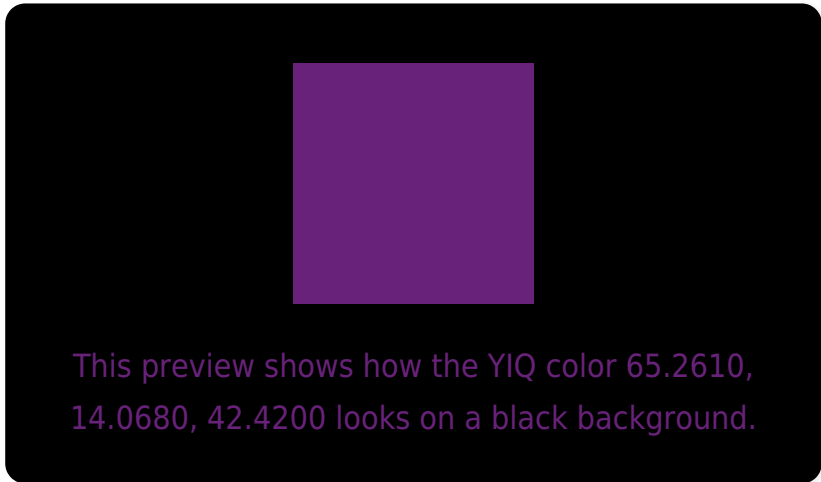
Large Text (above 18pt) WCAG AA ✓ Pass

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

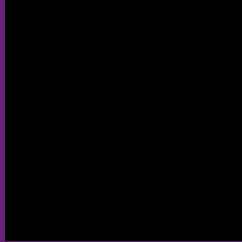
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2610, 14.0680, 42.4200

Background



This preview shows how black text looks on a background with the YIQ color 65.2610, 14.0680, 42.4200.



This preview shows how white text looks on a background with the YIQ color 65.2610, 14.0680,

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

65.2610, 14.0680, 42.4200

Protanopia

54.0010, -62.4940, 9.2340

Deuteranopia

62.4090, -37.4600, 7.0840



Tritanopia

68.7150, 23.1520, 9.9360

Trichromacy



Original Color

65.2610, 14.0680, 42.4200

Protanomaly

58.2220, -34.8950, 21.1770

Deuteranomaly

63.6660, -18.7100, 19.7060

Tritanomaly

67.5380, 19.7570, 21.9090

Monochromacy



Original Color

65.2610, 14.0680, 42.4200

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.4220, 5.2240, 15.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2610, 14.0680, 42.4200 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(105, 34, 122)` looks like.

```
.text, #text, p{  
    color:rgb(105, 34, 122)  
}
```

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(105, 34, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 34, 122) }
```

Border

The CSS property to change the border of an element to YIQ 65.2610, 14.0680, 42.4200 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(105, 34, 122) }
```


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

```
.border{ border-color:rgb(105, 34, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 34, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 34, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 34, 122);  
box-shadow:4px 4px 4px 4px rgb(105, 34,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 65.2610, 14.0680, 42.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 34, 122) }
```

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

```
.background{ background-color: rgb(105, 34,  
122) }
```

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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