

Converting Colors

YIQ(65.2430, 6.4520, 70.3240)

Have a look what the booklet for
YIQ(65.2430, 6.4520, 70.3240)
contains.

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Color

**YIQ(65.2430, 6.4520,
70.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	7312B2
RGB	115, 18, 178
RGB Percent	45%, 7%, 70%
CMY	0.5487, 0.9296, 0.3021
CMYK	0.35, 0.90, 0.00, 0.30
HSL	276°, 82%, 38%
HSV	276°, 90%, 70%
XYZ	15.3303, 7.2952, 42.7064
YIQ	65.2430, 6.4520, 70.3240

Conversions

Conversions Part 2

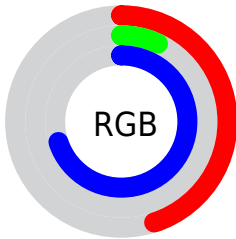
Format	Color
R_{YB}	115, 18, 178
Decimal	7541426
CIE _{Lab}	32.47, 63.25, -62.83
CIE _{LCh}	32, 89.153, 315.190
Yxy	7.2952, 0.2347, 0.1117
Android (android.graphics.Color)	4285731506 (0xFF7312B2)
YUV	65.2430, 55.5892, 43.6369
Hunter-Lab	27.0096, 54.0475, -74.8399

Details

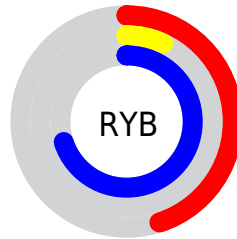
The YIQ color **65.2430, 6.4520, 70.3240** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **130.7570, -6.4520, -70.3240**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.4770, 5.6730, 67.9210**, and **31.1790, -5.8320, 50.6480** is the 20% darker color. If you saturate the color by 10%, you get **52.5840, 7.2300, 78.2540**, and if you desaturate by 10%, it is **77.9020, 5.6740, 62.3940**.

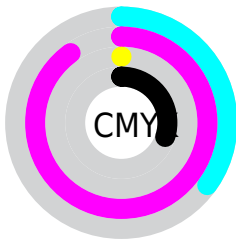
Distribution



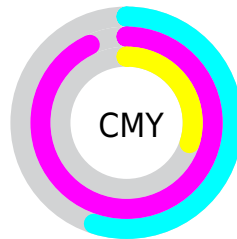
- Red (45%)
- Green (7%)
- Blue (70%)



- Red (45%)
- Yellow (7%)
- Blue (70%)



- Cyan (35%)
- Magenta (90%)
- Yellow (0%)
- Black (30%)



- Cyan (55%)
- Magenta (93%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 65.2430, 6.4520, 70.3240 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 65.2430, 6.4520, 70.3240 by changing the saturation by 10% instead.

65.2430, 6.4520,
70.3240

65.2430, 6.4520,
70.3240

255.0000, -0.0000,
-0.0000

42.9280, 2.7850,
65.1930

125.4770, 5.6730,
67.9210

31.1790, -5.8320,
50.6480

152.2770, 9.1120,
66.1680

18.9460, -15.9620,
35.9900

177.6830, 19.2920,
57.8840

8.3220, -23.4330,
22.7030

200.9960, 25.3000,
48.1160

8.0480, -17.1500,
13.4580

217.4320, 17.6000,
33.4720

3.7790, -9.2630,
8.1850

234.4550, 9.6250,

0.0000, 0.0000,

18.3050

0.0000

251.4780, 1.6500,
3.1380

65.2430, 6.4520,
70.3240

65.2430, 6.4520,
70.3240

52.5840, 7.2300,
78.2540

77.9020, 5.6740,
62.3940

90.5610, 4.8960,
54.4640

102.6330, 4.3930,
47.0570

115.2920, 3.6150,
39.1270

127.9510, 2.8370,
31.1970

■ 140.6100, 2.0590,
23.2670

■ 153.2690, 1.2810,
15.3370

■ 165.3410, 0.7780,
7.9300

■ 178.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



69.3500, -90.5570, 27.7390



65.2430, 6.4520, 70.3240



65.9190, 68.8980, 72.9780

Triad

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



65.2430, 6.4520, 70.3240



71.6980, 56.2120, -5.5160



72.0550, -63.7270, -17.9910

Complementary

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



65.2430, 6.4520, 70.3240



130.7570, -6.4520, -70.3240

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.



62.3310, -39.1020, -40.2700



65.2430, 6.4520, 70.3240



67.8350, 12.3850, -31.7350

Square

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



65.2430, 6.4520, 70.3240



49.6340, 98.9360, 35.1920



55.7650, -26.1250, -49.6850



80.0520, -84.8670, 1.7010

Rectangle

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



65.2430, 6.4520, 70.3240



64.2630, 90.8160, 61.2160



55.7650, -26.1250, -49.6850



68.7320, -55.7480, -24.9320

Sweetspot

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



65.2430, 6.4520, 70.3240



187.5440, 2.4250, 27.6490



73.8080, -68.9600, 16.2880



91.0950, 1.8310, 16.3830



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



65.2430, 6.4520, 70.3240



68.6070, 9.5640, 102.0440



82.2560, 49.1360, 78.7040



82.8200, 0.6870, 4.0710



45.2490, 6.3150, 67.2990



7.4490, 0.5940, 11.2660

Inverse Universe

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



73.0220, 75.1370, 53.5130



79.7420, 109.0610, 77.4850



113.7440, -49.1360, -78.7040



83.1470, 4.0800, 3.1520



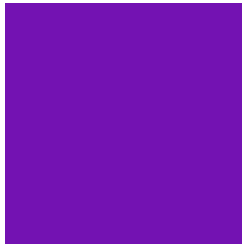
52.5870, 71.9280, 51.0960



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 65.2430, 6.4520, 70.3240 looks on a white background.

Color Contrast Check

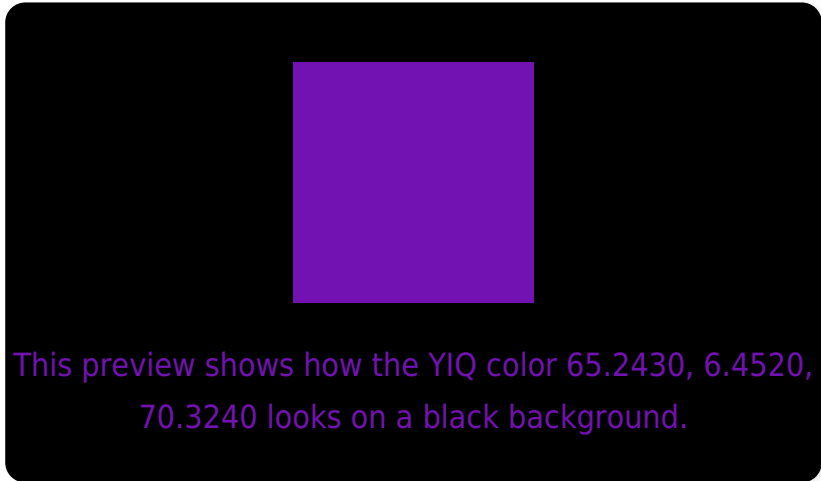
Large Text (above 18pt) WCAG AA ✓ Pass

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

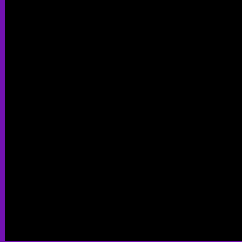
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 65.2430, 6.4520, 70.3240

Background



This preview shows how black text looks on a background with the YIQ color 65.2430, 6.4520, 70.3240.



This preview shows how white text looks on a background with the YIQ color 65.2430, 6.4520,

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

65.2430, 6.4520, 70.3240

Protanopia

62.0370, -71.3430, 9.9130

Deuteranopia

62.5780, -65.9770, 0.7670



Tritanopia

79.0450, 13.2950, 6.8550

Trichromacy



Original Color

65.2430, 6.4520, 70.3240

Protanomaly

63.0660, -42.7830, 31.9770

Deuteranomaly

63.3450, -39.4350, 26.3650

Tritanomaly

74.2030, 10.8150, 29.7830

Monochromacy



Original Color

65.2430, 6.4520, 70.3240

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.0770, 2.2420, 25.4580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 65.2430, 6.4520, 70.3240 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(115, 18, 178)` looks like.

```
.text, #text, p{  
    color:rgb(115, 18, 178)  
}
```

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(115, 18, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 18, 178) }
```

Border

The CSS property to change the border of an element to YIQ 65.2430, 6.4520, 70.3240 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(115, 18, 178) }
```


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

```
.border{ border-color:rgb(115, 18, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 18, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 18, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 18, 178);  
box-shadow:4px 4px 4px 4px rgb(115, 18,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 65.2430, 6.4520, 70.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 18, 178) }
```

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

```
.background{ background-color: rgb(115, 18,  
178) }
```

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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