

Converting Colors

YIQ(61.1040, -8.1330, 97.8750)

Have a look what the booklet for
YIQ(61.1040, -8.1330, 97.8750)
contains.

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Color

**YIQ(61.1040, -8.1330,
97.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	7200ED
RGB	114, 0, 237
RGB Percent	45%, 0%, 93%
CMY	0.5525, 1.0000, 0.0708
CMYK	0.52, 1.00, 0.00, 0.07
HSL	269°, 100%, 46%
HSV	269°, 100%, 93%
XYZ	22.2313, 9.6958, 80.7784
YIQ	61.1040, -8.1330, 97.8750

Conversions

Conversions Part 2

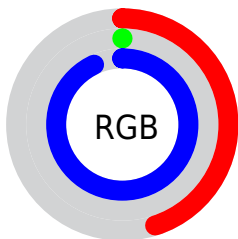
Format	Color
R_{YB}	114, 0, 237
Decimal	7471341
CIE _{Lab}	37.29, 78.37, -89.17
CIE _{LCh}	37, 118.714, 311.309
Yxy	9.6958, 0.1973, 0.0860
Android (android.graphics.Color)	4285661421 (0xFF7200ED)
YUV	61.1040, 86.7167, 46.3898
Hunter-Lab	31.1380, 72.9504, -132.0135

Details

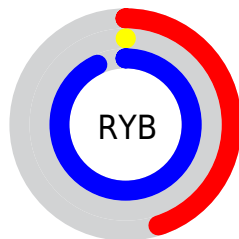
The YIQ color **61.1040, -8.1330, 97.8750** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **175.8960, 8.1330, -97.8750**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.6650, 2.5080, 75.7240**, and **31.4690, -35.4070, 63.5130** is the 20% darker color. If you saturate the color by 10%, you get **61.1040, -8.1330, 97.8750**, and if you desaturate by 10%, it is **78.7800, -7.5810, 87.8670**.

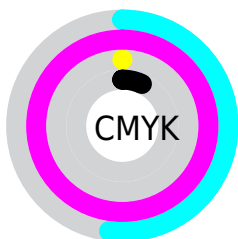
Distribution



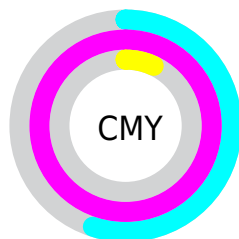
- Red (45%)
- Green (0%)
- Blue (93%)



- Red (45%)
- Yellow (0%)
- Blue (93%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 61.1040, -8.1330, 97.8750 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 61.1040, -8.1330, 97.8750 by changing the saturation by 10% instead.

61.1040, -8.1330,
97.8750

61.1040, -8.1330,
97.8750

255.0000, -0.0000,
-0.0000

47.6320, -19.0880,
81.6480

128.6650, 2.5080,
75.7240

31.7680, -34.8110,
63.7250

154.9570, 13.0090,
67.1290

17.3280, -48.7920,
47.2720

180.6620, 23.7850,
59.0570

14.2500, -40.1250,
38.8750

202.1700, 24.7500,
47.0700

11.1720, -31.4580,
30.4780

219.1930, 16.7750,
31.9030

13.6050, -25.9080,
17.9960

236.2160, 8.8000,

8.0480, -17.1500,

16.7360

13.4580

253.8260, 0.5500,
1.0460

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 61.1040, -8.1330,
97.8750

■ 78.7800, -7.5810,
87.8670

■ 96.1680, -6.1580,
78.5940

■ 113.8440, -5.6060,
68.5860

■ 131.5200, -5.0540,
58.5780

■ 148.9080, -3.6310,
49.3050

■ 166.5840, -3.0790,
39.2970

■ 184.2600, -2.5270,
29.2890

■ 201.9360, -1.9750,
19.2810

■ 219.3240, -0.5520,
10.0080

Harmonies

Analogous

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



84.8350, -107.9800, 29.6200



61.1040, -8.1330, 97.8750



81.9120, 79.9440, 93.0640

Triad

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



61.1040, -8.1330, 97.8750



79.5050, 76.1090, 2.8370



83.4020, -72.2540, -23.1500

Complementary

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



61.1040, -8.1330, 97.8750



175.8960, 8.1330, -97.8750

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.



68.7590, -35.1560, -56.7240



61.1040, -8.1330, 97.8750



78.4780, 17.7040, -34.5200

Square

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



61.1040, -8.1330, 97.8750



63.0890, 125.7560, 44.7320



64.5700, -30.2500, -57.5300



95.1780, -102.6570, 4.7270

Rectangle

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



61.1040, -8.1330, 97.8750



81.0090, 112.6830, 77.9230



64.5700, -30.2500, -57.5300



78.9390, -61.0650, -33.2010

Sweetspot

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



61.1040, -8.1330, 97.8750



198.4280, -2.9400, 31.2680



100.9800, -110.7270, 7.8090



93.8220, -1.6540, 18.9700



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



61.1040, -8.1330, 97.8750



65.8470, -8.5470, 105.3810



95.4890, 60.4070, 122.2550



108.7490, -0.5510, 4.4810



46.6470, -6.2490, 74.7350



13.9300, -1.8380, 22.3060

Inverse Universe

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



84.8850, 101.7690, 88.4970



91.2930, 109.6080, 95.1120



141.5110, -60.4070, -122.2550



109.9730, 4.6300, 4.1980



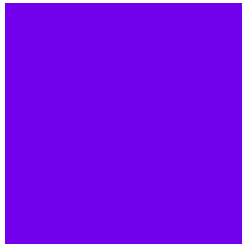
64.8350, 77.7020, 67.6060



19.3380, 23.1960, 20.1560

Previews

White Background



This preview shows how the YIQ color 61.1040, -8.1330, 97.8750 looks on a white background.

Color Contrast Check

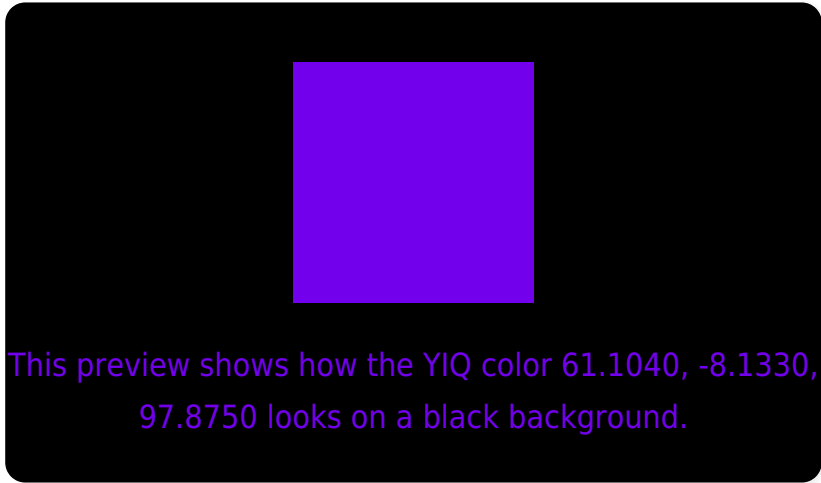
Large Text (above 18pt) WCAG AA ✓ Pass

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

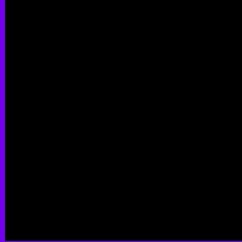
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 61.1040, -8.1330, 97.8750

Background



This preview shows how black text looks on a background with the YIQ color 61.1040, -8.1330, 97.8750.



This preview shows how white text looks on a background with the YIQ color 61.1040, -8.1330,

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

61.1040, -8.1330, 97.8750

Protanopia

71.1160, -81.7510, 11.3130

Deuteranopia

71.6740, -75.0550, 0.0890



Tritanopia

87.2310, -13.8920, -1.5400

Trichromacy



Original Color

61.1040, -8.1330, 97.8750

Protanomaly

67.4580, -55.2100, 42.4380

Deuteranomaly

67.9820, -51.1740, 35.3700

Tritanomaly

78.0450, -11.9270, 34.4490

Monochromacy



Original Color

61.1040, -8.1330, 97.8750

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.0630, -3.1700, 35.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 61.1040, -8.1330, 97.8750 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(114, 0, 237)` looks like.

```
.text, #text, p{  
  color:rgb(114, 0, 237)  
}
```

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(114, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 237) }
```

Border

The CSS property to change the border of an element to YIQ 61.1040, -8.1330, 97.8750 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(114, 0, 237) }
```


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

```
.border{ border-color:rgb(114, 0, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 0, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(114, 0,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 61.1040, -8.1330, 97.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 237) }
```

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

```
.background{ background-color: rgb(114, 0,  
237) }
```

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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