

Converting Colors

YIQ(115.6990, -22.3360,
41.3760)

Have a look what the booklet for
YIQ(115.6990, -22.3360, 41.3760)
contains.

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Color

**YIQ(115.6990, -22.3360,
41.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	785FD3
RGB	120, 95, 211
RGB Percent	47%, 37%, 83%
CMY	0.5293, 0.6275, 0.1727
CMYK	0.43, 0.55, 0.00, 0.17
HSL	253°, 57%, 60%
HSV	253°, 55%, 83%
XYZ	23.5938, 16.8789, 63.6125
YIQ	115.6990, -22.3360, 41.3760

Conversions

Conversions Part 2

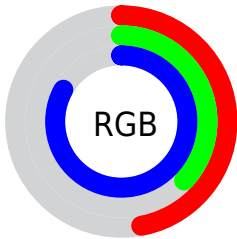
Format	Color
R _Y B	120, 95, 211
Decimal	7888851
CIE Lab	48.11, 37.91, -56.67
CIE LCh	48, 68.179, 303.785
Yxy	16.8789, 0.2267, 0.1622
Android (android.graphics.Color)	4286078931 (0xFF785FD3)
YUV	115.6990, 46.9834, 3.7720
Hunter-Lab	41.0840, 30.6127, -63.0432

Details

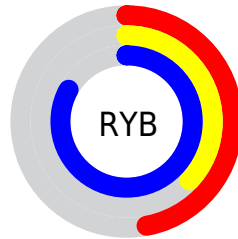
The YIQ color **115.6990, -22.3360, 41.3760** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **190.3010, 22.3360, -41.3760**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6950, -16.5130, 40.4710**, and **64.2100, -25.4530, 37.2910** is the 20% darker color. If you saturate the color by 10%, you get **98.2890, -26.6930, 48.7550**, and if you desaturate by 10%, it is **133.1090, -17.9790, 33.9970**.

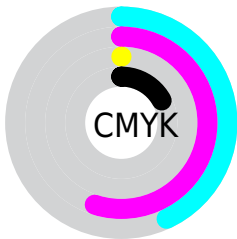
Distribution



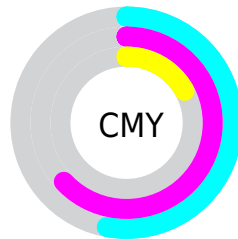
- Red (47%)
- Green (37%)
- Blue (83%)



- Red (47%)
- Yellow (37%)
- Blue (83%)



- Cyan (43%)
- Magenta (55%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6990, -22.3360, 41.3760 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 115.6990, -22.3360, 41.3760 by changing the saturation by 10% instead.

■ 115.6990,
-22.3360, 41.3760

■ 115.6990,
-22.3360, 41.3760

■ 255.0000, -0.0000,
-0.0000

■ 90.0470, -23.4360,
39.2840

■ 167.6950,
-16.5130, 40.4710

■ 64.0960, -25.1320,
36.9800

■ 192.2150, -6.6540,
32.4980

■ 38.0520, -31.0000,
33.1920

■ 217.6210, 3.5260,
24.2140

■ 14.0900, -34.1630,
29.9410

■ 239.7380, 7.1500,
13.5980

■ 8.8920, -25.0380,
24.2580

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 115.6990,
-22.3360, 41.3760

■ 115.6990,
-22.3360, 41.3760

■ 98.2890, -26.6930,
48.7550

■ 133.1090,
-17.9790, 33.9970

■ 81.1780, -30.4540,
56.3460

■ 150.2200,
-14.2180, 26.4060

■ 63.7680, -34.8110,
63.7250

■ 167.6300, -9.8610,
19.0270

■ 46.6570, -38.5720,
71.3160

■ 184.7410, -6.1000,
11.4360

■ 37.8080, -40.3150,
75.3730

■ 202.1510, -1.7430,
4.0570

■ 219.8490, 1.7430,
-4.0570

■ 237.2590, 6.1000,
-11.4360

■ 249.0870, 12.3360,
-14.3200

■ 249.9840, 14.1240,
-13.6840

Harmonies

Analogous

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



96.0730, -106.5550, 9.2930



115.6990, -22.3360, 41.3760



111.8180, 40.8410, 58.3210

Triad

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



115.6990, -22.3360, 41.3760



106.3400, 80.4670, -10.0690



95.2730, -76.7450, -35.3770

Complementary

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



115.6990, -22.3360, 41.3760



190.3010, 22.3360, -41.3760

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.



86.6720, -56.6600, -52.4680



115.6990, -22.3360, 41.3760



106.3860, 47.3220, -31.6380

Square

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



115.6990, -22.3360, 41.3760



103.8560, 89.2630, 28.7750



96.3650, 7.1160, -51.8920



101.7710, -95.0420, -17.6500

Rectangle

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



115.6990, -22.3360, 41.3760



102.7260, 70.4590, 61.2030



96.3650, 7.1160, -51.8920



92.4060, -70.0500, -41.0740

Sweetspot

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



115.6990, -22.3360, 41.3760



221.3650, -7.7970, 14.6590



162.8150, -62.8110, -12.5630



107.6440, -4.4490, 9.0470



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.



115.6990, -22.3360, 41.3760



116.9160, -32.4720, 59.8800



132.4430, 11.0400, 53.2480



95.8520, -2.3390, 3.8450



29.9160, -32.4720, 59.8800



7.3650, -7.7970, 14.6590

Inverse Universe

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



140.0580, 39.9250, 52.8930



152.2800, 57.7560, 76.6680



173.5570, -11.0400, -53.2480



98.2010, 3.9880, 4.8200



65.2800, 57.7560, 76.6680



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 115.6990, -22.3360, 41.3760 looks on a white background.

Color Contrast Check

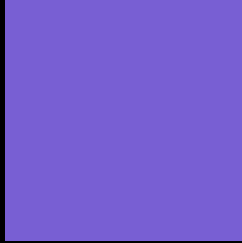
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.6990, -22.3360, 41.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

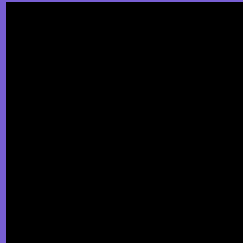
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.6990, -22.3360, 41.3760

Background



This preview shows how black text looks on a background with the YIQ color 115.6990, -22.3360, 41.3760.



This preview shows how white text looks on a background with the YIQ color 115.6990, -22.3360, 41.3760.

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

115.6990, -22.3360, 41.3760

Protanopia

101.5110, -81.0650, 20.9110

Deuteranopia

91.5760, -98.0260, 3.3980



Tritanopia

112.6440, -13.6170, -1.0170

Trichromacy



Original Color

115.6990, -22.3360, 41.3760

Protanomaly

106.8620, -59.8840, 28.0200

Deuteranomaly

100.2640, -70.2440, 17.5320

Tritanomaly

113.8740, -16.6000, 14.5040

Monochromacy



Original Color

115.6990, -22.3360, 41.3760

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.5930, -8.4390, 15.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6990, -22.3360, 41.3760 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(120, 95, 211)` looks like.

```
.text, #text, p{  
    color:rgb(120, 95, 211)  
}
```

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(120, 95, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 95, 211) }
```

Border

The CSS property to change the border of an element to YIQ 115.6990, -22.3360, 41.3760 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(120, 95, 211) }
```


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

```
.border{ border-color:rgb(120, 95, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 95, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 95, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 95, 211);  
box-shadow:4px 4px 4px 4px rgb(120, 95,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6990, -22.3360, 41.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 95, 211) }
```

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

```
.background{ background-color: rgb(120, 95,  
211) }
```

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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