

Converting Colors

YIQ(104.9790, -19.5880,
57.6600)

Have a look what the booklet for
YIQ(104.9790, -19.5880, 57.6600)
contains.

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Color

**YIQ(104.9790, -19.5880,
57.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	7A49E1
RGB	122, 73, 225
RGB Percent	48%, 29%, 88%
CMY	0.5213, 0.7138, 0.1178
CMYK	0.46, 0.68, 0.00, 0.12
HSL	259°, 72%, 58%
HSV	259°, 68%, 88%
XYZ	23.9987, 14.3375, 72.7011
YIQ	104.9790, -19.5880, 57.6600

Conversions

Conversions Part 2

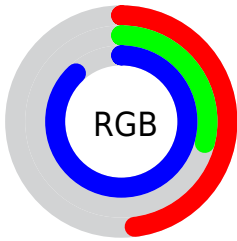
Format	Color
R_{YB}	122, 73, 225
Decimal	8014305
CIE _{Lab}	44.71, 54.33, -70.13
CIE _{LCh}	45, 88.711, 307.765
Yxy	14.3375, 0.2161, 0.1291
Android (android.graphics.Color)	4286204385 (0xFF7A49E1)
YUV	104.9790, 59.1704, 14.9274
Hunter-Lab	37.8648, 46.8696, -87.3323

Details

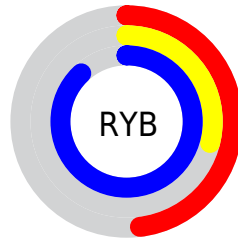
The YIQ color **104.9790, -19.5880, 57.6600** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **193.0210, 19.5880, -57.6600**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.5640, -8.3540, 52.3020**, and **49.4190, -23.9430, 53.9850** is the 20% darker color. If you saturate the color by 10%, you get **86.9930, -22.2030, 66.5090**, and if you desaturate by 10%, it is **122.3780, -16.6980, 49.3340**.

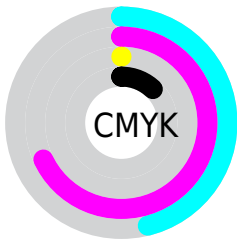
Distribution



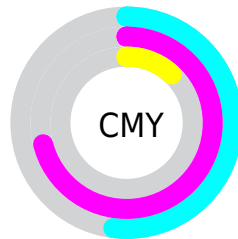
- Red (48%)
- Green (29%)
- Blue (88%)



- Red (48%)
- Yellow (29%)
- Blue (88%)



- Cyan (46%)
- Magenta (68%)
- Yellow (0%)
- Black (12%)



- Cyan (52%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.9790, -19.5880, 57.6600 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 104.9790, -19.5880, 57.6600 by changing the saturation by 10% instead.

■ 104.9790,
-19.5880, 57.6600

■ 104.9790,
-19.5880, 57.6600

■ 255.0000, -0.0000,
-0.0000

■ 78.0280, -21.2840,
55.3560

■ 156.5640, -8.3540,
52.3020

■ 49.4190, -23.9430,
53.9850

■ 181.3830, 2.1010,
44.5410

■ 20.8580, -35.7250,
47.2430

■ 206.2020, 12.5560,
36.7800

■ 13.1100, -36.9150,
35.7650

■ 226.8240, 13.2000,
25.1040

■ 10.1460, -28.5690,
27.6790

■ 243.8470, 5.2250,
9.9370

■ 11.5190, -22.7900,
16.5540

■ 6.5490, -14.3070,

11.4930

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 104.9790,
-19.5880, 57.6600

■ 104.9790,
-19.5880, 57.6600

■ 86.9930, -22.2030,
66.5090

■ 122.3780,
-16.6980, 49.3340

■ 69.5940, -25.0930,
74.8350

■ 140.6630,
-13.4870, 40.6970

■ 51.3090, -28.3040,
83.4720

■ 158.0620,
-10.5970, 32.3710

■ 47.4770, -28.7170,
85.4510

■ 176.0480, -7.9820,
23.5220

■ 193.4470, -5.0920,
15.1960

■ 211.4330, -2.4770,
6.3470

■ 229.1310, 1.0090,
-1.7670

■ 247.1170, 3.6240,
-10.6160

■ 251.5800, 9.6300,
-9.3300

Harmonies

Analogous

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



94.2270, -112.3800, 21.2520



104.9790, -19.5880, 57.6600



79.5780, 69.2610, 93.9410

Triad

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



104.9790, -19.5880, 57.6600



98.3880, 80.5120, -5.3760



92.7940, -76.6540, -31.5180

Complementary

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



104.9790, -19.5880, 57.6600



193.0210, 19.5880, -57.6600

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.



81.9130, -50.1490, -54.8290



104.9790, -19.5880, 57.6600



97.4710, 36.7770, -33.2630

Square

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



104.9790, -19.5880, 57.6600



66.8700, 122.1790, 48.9870



73.3750, -34.3750, -65.3750



101.0020, -99.7660, -9.1260

Rectangle

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



104.9790, -19.5880, 57.6600



80.3850, 97.1850, 83.4650



73.3750, -34.3750, -65.3750



89.8300, -68.3080, -39.6040

Sweetspot

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



104.9790, -19.5880, 57.6600



214.5980, -6.8350, 19.2530



151.3760, -77.3920, -7.1200



103.5240, -3.9910, 11.7610



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.



104.9790, -19.5880, 57.6600



91.6310, -26.5150, 78.5810



127.4040, 25.1120, 73.5600



103.4500, -1.1470, 4.2690



37.1070, -22.5240, 66.8200



10.2560, -5.8720, 18.3200

Inverse Universe

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



130.1900, 57.5290, 64.2570



125.8530, 78.4320, 87.4240



170.5960, -25.1120, -73.5600



105.2010, 3.9880, 4.8200



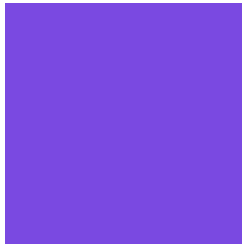
66.1900, 66.6970, 74.3210



18.1140, 18.0150, 20.4390

Previews

White Background



This preview shows how the YIQ color 104.9790, -19.5880, 57.6600 looks on a white background.

Color Contrast Check

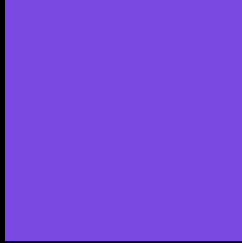
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.9790, -19.5880, 57.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

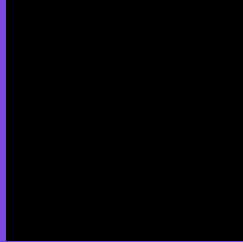
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.9790, -19.5880, 57.6600

Background



This preview shows how black text looks on a background with the YIQ color 104.9790, -19.5880, 57.6600.



This preview shows how white text looks on a background with the YIQ color 104.9790, -19.5880,

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

104.9790, -19.5880, 57.6600

Protanopia

84.3840, -97.0650, 13.5190

Deuteranopia

84.7140, -89.7270, 1.6730



Tritanopia

104.7260, -10.9120, -0.4800

Trichromacy



Original Color

104.9790, -19.5880, 57.6600



Protanomaly

91.5390, -69.1000, 29.8440



Deuteranomaly

91.8350, -64.4220, 22.1540



Tritanomaly

104.6450, -14.2170, 20.8790

Monochromacy



Original Color

104.9790, -19.5880, 57.6600



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

104.7660, -7.2480, 21.2320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.9790, -19.5880, 57.6600 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(122, 73, 225)` looks like.

```
.text, #text, p{  
    color:rgb(122, 73, 225)  
}
```

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(122, 73, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 73, 225) }
```

Border

The CSS property to change the border of an element to YIQ 104.9790, -19.5880, 57.6600 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(122, 73, 225) }
```


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

```
.border{ border-color:rgb(122, 73, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 73, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 73, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 73, 225);  
box-shadow:4px 4px 4px 4px rgb(122, 73,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 104.9790, -19.5880, 57.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 73, 225) }
```

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

```
.background{ background-color: rgb(122, 73,  
225) }
```

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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