

Converting Colors

YIQ(119.9960, -27.4260,
45.5180)

Have a look what the booklet for
YIQ(119.9960, -27.4260, 45.5180)
contains.

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Color

**YIQ(119.9960, -27.4260,
45.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	7A62E4
RGB	122, 98, 228
RGB Percent	48%, 38%, 89%
CMY	0.5214, 0.6157, 0.1061
CMYK	0.46, 0.57, 0.00, 0.11
HSL	251°, 71%, 64%
HSV	251°, 57%, 89%
XYZ	26.3940, 18.4722, 75.5343
YIQ	119.9960, -27.4260, 45.5180

Conversions

Conversions Part 2

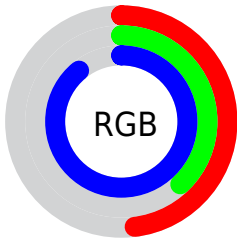
Format	Color
R_{YB}	122, 98, 228
Decimal	8020708
CIE _{Lab}	50.06, 41.45, -63.14
CIE _{LCh}	50, 75.533, 303.281
Yxy	18.4722, 0.2192, 0.1534
Android (android.graphics.Color)	4286210788 (0xFF7A62E4)
YUV	119.9960, 53.2460, 1.7575
Hunter-Lab	42.9792, 34.4049, -74.1143

Details

The YIQ color **119.9960, -27.4260, 45.5180** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **206.0040, 27.4260, -45.5180**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9400, -15.8250, 39.0150**, and **67.4960, -32.0100, 40.4860** is the 20% darker color. If you saturate the color by 10%, you get **100.8140, -32.4250, 53.5190**, and if you desaturate by 10%, it is **139.1780, -22.4270, 37.5170**.

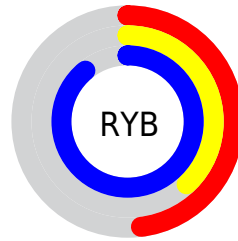
Distribution



Red (48%)

Green (38%)

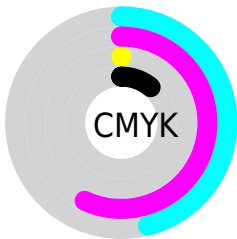
Blue (89%)



Red (48%)

Yellow (38%)

Blue (89%)

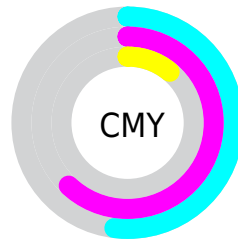


Cyan (46%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (52%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9960, -27.4260, 45.5180 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 119.9960, -27.4260, 45.5180 by changing the saturation by 10% instead.

■ 119.9960,
-27.4260, 45.5180

■ 119.9960,
-27.4260, 45.5180

■ 255.0000, -0.0000,
-0.0000

■ 93.9310, -28.8010,
42.9030

■ 170.9400,
-15.8250, 39.0150

■ 67.4960, -32.0100,
40.4860

■ 195.1720, -5.0950,
31.7770

■ 39.1420, -39.9410,
35.5390

■ 220.5780, 5.0850,
23.4930

■ 16.3870, -39.2530,
34.0830

■ 241.4990, 6.3250,
12.0290

■ 10.6020, -29.8530,
28.9230

■ 11.8610, -23.7530,
17.4870

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 119.9960,
-27.4260, 45.5180

■ 119.9960,
-27.4260, 45.5180

■ 100.8140,
-32.4250, 53.5190

■ 139.1780,
-22.4270, 37.5170

■ 81.9310, -36.8280,
61.7320

■ 158.0610,
-18.0240, 29.3040

■ 63.3360, -42.1020,
69.2100

■ 176.6560,
-12.7500, 21.8260

■ 44.4530, -46.5050,
77.4230

■ 195.5390, -8.3470,
13.6130

■ 38.5500, -48.1560,
79.8120

■ 214.7210, -3.3480,
5.6120

■ 233.6040, 1.0550,
-2.6010

■ 251.0250, 6.8790,
-9.0330

■ 251.9220, 8.6670,
-8.3970

Harmonies

Analogous

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



101.7610, -114.3040, 12.0640



119.9960, -27.4260, 45.5180



113.8390, 45.5160, 67.2120

Triad

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



119.9960, -27.4260, 45.5180



111.1020, 87.0690, -8.5710



99.9520, -80.2750, -37.4830

Complementary

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



119.9960, -27.4260, 45.5180



206.0040, 27.4260, -45.5180

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.



90.3250, -57.3010, -57.3730



119.9960, -27.4260, 45.5180



111.1150, 49.5230, -32.9810

Square

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



119.9960, -27.4260, 45.5180



104.5910, 100.4950, 34.4710



100.1750, 4.5950, -55.7650



107.2480, -100.8190, -17.5790

Rectangle

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



119.9960, -27.4260, 45.5180



100.3780, 80.7270, 73.3590



100.1750, 4.5950, -55.7650



96.7430, -72.6170, -44.1130

Sweetspot

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



119.9960, -27.4260, 45.5180



219.2940, -9.0350, 15.0690



175.0420, -70.8800, -15.0080



106.4590, -5.3660, 9.1460



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.



119.9960, -27.4260, 45.5180



111.2900, -36.4610, 60.5870



139.4310, 11.3140, 59.2980



104.9660, -2.6600, 4.1560



30.2730, -37.7910, 62.6650



8.5050, -11.0070, 17.7690

Inverse Universe

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



148.9540, 43.4540, 60.5260



149.8010, 57.8470, 80.5270



186.5690, -11.3140, -59.2980



107.7280, 3.9420, 5.6540



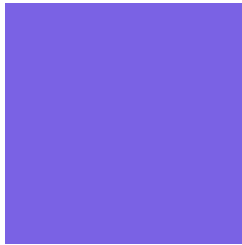
70.0510, 60.1390, 83.0430



20.0370, 16.9140, 23.8740

Previews

White Background



This preview shows how the YIQ color 119.9960, -27.4260, 45.5180 looks on a white background.

Color Contrast Check

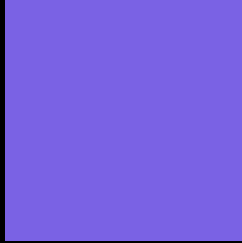
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.9960, -27.4260, 45.5180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

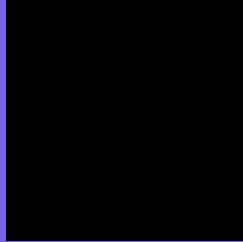
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.9960, -27.4260, 45.5180

Background



This preview shows how black text looks on a background with the YIQ color 119.9960, -27.4260, 45.5180.



This preview shows how white text looks on a background with the YIQ color 119.9960, -27.4260,

45.5180.

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

119.9960, -27.4260, 45.5180

Protanopia

94.7340, -109.6740, 16.2620

Deuteranopia

95.3090, -101.6480, 2.9600



Tritanopia

116.0670, -19.3020, -2.6140

Trichromacy



Original Color

119.9960, -27.4260, 45.5180

Protanomaly

103.6840, -79.8740, 26.8620

Deuteranomaly

104.3390, -74.8290, 18.0270

Tritanomaly

117.4650, -22.6980, 14.8860

Monochromacy



Original Color

119.9960, -27.4260, 45.5180

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.0490, -9.7230, 16.5250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9960, -27.4260, 45.5180 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, 98, 228)` looks like.

```
.text, #text, p{  
    color:rgb(122, 98, 228)  
}
```

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, 98, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 98, 228) }
```

Border

The CSS property to change the border of an element to YIQ 119.9960, -27.4260, 45.5180 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, 98, 228) }
```


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

```
.border{ border-color:rgb(122, 98, 228) }
```

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

Here you see how a box with a 4 pixel rgb(122, 98, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 98, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 98, 228);  
box-shadow:4px 4px 4px 4px rgb(122, 98,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9960, -27.4260, 45.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 98, 228) }
```

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

```
.background{ background-color: rgb(122, 98,  
228) }
```

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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