

Converting Colors

YIQ(119.0450, -21.0950,
24.3850)

Have a look what the booklet for
YIQ(119.0450, -21.0950, 24.3850)
contains.

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Color

**YIQ(119.0450, -21.0950,
24.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	726DB8
RGB	114, 109, 184
RGB Percent	45%, 43%, 72%
CMY	0.5529, 0.5725, 0.2786
CMYK	0.38, 0.41, 0.00, 0.28
HSL	244°, 35%, 57%
HSV	244°, 41%, 72%
XYZ	21.0577, 17.9745, 47.6871
YIQ	119.0450, -21.0950, 24.3850

Conversions

Conversions Part 2

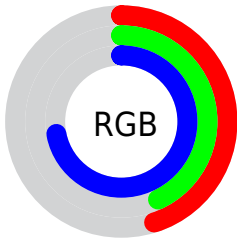
Format	Color
R _Y B	114, 109, 184
Decimal	7499192
CIE Lab	49.47, 20.37, -39.01
CIE LCh	49, 44.011, 297.572
Yxy	17.9745, 0.2428, 0.2073
Android (android.graphics.Color)	4285689272 (0xFF726DB8)
YUV	119.0450, 32.0228, -4.4245
Hunter-Lab	42.3963, 14.4654, -37.0116

Details

The YIQ color **119.0450, -21.0950, 24.3850** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **173.9550, 21.0950, -24.3850**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.5120, -20.9120, 26.5760**, and **69.4530, -22.4240, 20.9360** is the 20% darker color. If you saturate the color by 10%, you get **103.3960, -26.2770, 30.1950**, and if you desaturate by 10%, it is **134.6940, -15.9130, 18.5750**.

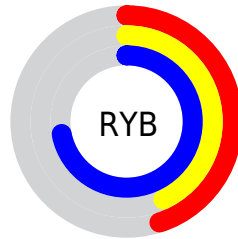
Distribution



Red (45%)

Green (43%)

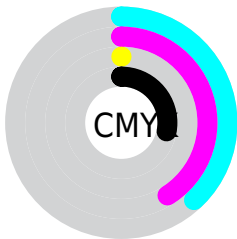
Blue (72%)



Red (45%)

Yellow (43%)

Blue (72%)

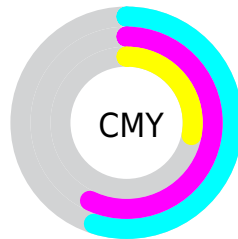


Cyan (38%)

Magenta (41%)

Yellow (0%)

Black (28%)



Cyan (55%)

Magenta (57%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0450, -21.0950, 24.3850 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 119.0450, -21.0950, 24.3850 by changing the saturation by 10% instead.

■ 119.0450,
-21.0950, 24.3850

■ 119.0450,
-21.0950, 24.3850

■ 255.0000, -0.0000,
-0.0000

■ 94.1050, -21.3240,
23.0280

■ 171.5120,
-20.9120, 26.5760

■ 69.4530, -22.4240,
20.9360

■ 197.4430,
-16.4640, 23.0560

■ 45.6160, -24.4410,
18.9430

■ 222.5500, -6.8800,
14.5600

■ 20.8600, -31.1800,
14.4200

■ 248.2440, 2.4290,
5.5410

■ 6.4980, -18.2970,
17.7270

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 119.0450,
-21.0950, 24.3850

■ 119.0450,
-21.0950, 24.3850

■ 103.3960,
-26.2770, 30.1950

■ 134.6940,
-15.9130, 18.5750

■ 87.1600, -31.1840,
36.5280

■ 150.9300,
-11.0060, 12.2420

■ 71.5110, -36.3660,
42.3380

■ 166.8780, -5.2280,
6.6440

■ 54.9760, -41.8690,
48.4590

■ 183.1140, -0.3210,
0.3110

■ 39.3270, -47.0510,
54.2690

■ 198.7630, 4.8610,
-5.4990

■ 24.5640, -51.9120,
59.7680

■ 214.4120, 10.0430,
-11.3090

■ 230.6480, 14.9500,
-17.6420

■ 245.7100, 20.4070,
-22.9290

■ 246.9060, 22.7910,
-22.0810

Harmonies

Analogous

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



98.5740, -86.5170, -1.4370



119.0450, -21.0950, 24.3850



121.0300, 18.7920, 33.8960

Triad

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



119.0450, -21.0950, 24.3850



116.0880, 55.2940, 0.1100



92.7140, -73.6730, -35.9850

Complementary

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



119.0450, -21.0950, 24.3850



173.9550, 21.0950, -24.3850

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.



103.1800, -28.1910, -34.2630



119.0450, -21.0950, 24.3850



114.1100, 39.8920, -18.1240

Square

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



119.0450, -21.0950, 24.3850



116.6610, 58.7750, 19.6310



110.4160, 12.2470, -29.2330



97.0460, -85.8710, -24.1670

Rectangle

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



119.0450, -21.0950, 24.3850



119.6810, 38.8280, 34.2200



110.4160, 12.2470, -29.2330



90.6450, -69.2250, -39.5050

Sweetspot

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



119.0450, -21.0950, 24.3850



214.9040, -8.1170, 9.4430



158.6400, -43.3250, -13.2850



105.2370, -4.8610, 5.4990



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



119.0450, -21.0950, 24.3850



137.8440, -33.1100, 38.3940



130.1080, 0.9570, 32.2290



84.0260, -2.8890, 2.7990



20.7740, -44.1160, 50.6360



3.7900, -7.7960, 9.1320

Inverse Universe

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



139.4050, 22.2300, 37.6700



169.8220, 35.0180, 59.2260



162.5930, -1.5530, -32.4410



86.6030, 2.7960, 4.3960



63.1740, 46.4310, 78.1670



11.3360, 8.3420, 14.0220

Previews

White Background



This preview shows how the YIQ color 119.0450, -21.0950, 24.3850 looks on a white background.

Color Contrast Check

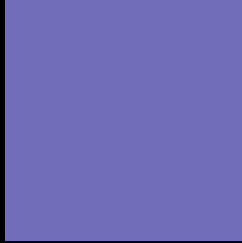
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0450, -21.0950, 24.3850 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 119.0450, -21.0950, 24.3850

Background



This preview shows how black text looks on a background with the YIQ color 119.0450, -21.0950, 24.3850.

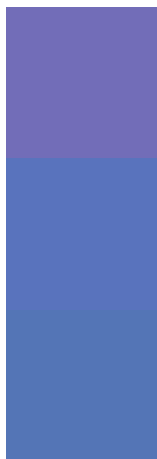


This preview shows how white text looks on a background with the YIQ color 119.0450, -21.0950,

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

119.0450, -21.0950, 24.3850

Protanopia

115.6620, -39.2500, 17.5020

Deuteranopia

114.5430, -40.5330, 13.2190



Tritanopia

116.0460, -14.8090, -1.4410

Trichromacy



Original Color

119.0450, -21.0950, 24.3850

Protanomaly

116.9510, -32.6940, 19.8340

Deuteranomaly

116.1850, -33.4730, 17.4310

Tritanomaly

117.4730, -17.1490, 7.9310

Monochromacy



Original Color

119.0450, -21.0950, 24.3850

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.7900, -7.7960, 9.1320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0450, -21.0950, 24.3850 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, 109, 184)` looks like.

```
.text, #text, p{  
    color:rgb(114, 109, 184)  
}
```

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, 109, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 109, 184) }
```

Border

The CSS property to change the border of an element to YIQ 119.0450, -21.0950, 24.3850 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, 109, 184) }
```


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

```
.border{ border-color:rgb(114, 109, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 109, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 109, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 109, 184);  
box-shadow:4px 4px 4px 4px rgb(114, 109,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0450, -21.0950, 24.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 109, 184) }
```

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

```
.background{ background-color: rgb(114,  
109, 184) }
```

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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