

Converting Colors

YIQ(118.0150, -20.4100,
39.5100)

Have a look what the booklet for
YIQ(118.0150, -20.4100, 39.5100)
contains.

YIQ(118.0150, -20.4100, 39.5100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(118.0150, -20.4100,
39.5100)**

Conversions

Conversions Part 1

Format	Color
Hex	7B62D0
RGB	123, 98, 208
RGB Percent	48%, 38%, 82%
CMY	0.5175, 0.6157, 0.1845
CMYK	0.41, 0.53, 0.00, 0.18
HSL	254°, 54%, 60%
HSV	254°, 53%, 82%
XYZ	23.9197, 17.4988, 61.7641
YIQ	118.0150, -20.4100, 39.5100

Conversions

Conversions Part 2

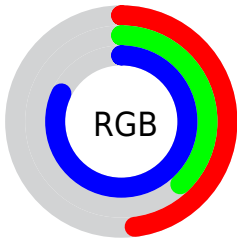
Format	Color
R_{YB}	123, 98, 208
Decimal	8086224
CIE _{Lab}	48.88, 36.01, -53.69
CIE _{LCh}	49, 64.651, 303.849
Yxy	17.4988, 0.2318, 0.1696
Android (android.graphics.Color)	4286276304 (0xFF7B62D0)
YUV	118.0150, 44.3626, 4.3718
Hunter-Lab	41.8316, 28.8629, -58.2593

Details

The YIQ color **118.0150, -20.4100, 39.5100** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **187.9850, 20.4100, -39.5100**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **170.3530, -15.5500, 39.5380**, and **66.8250, -22.9310, 35.6370** is the 20% darker color. If you saturate the color by 10%, you get **100.9040, -24.1710, 47.1010**, and if you desaturate by 10%, it is **135.1260, -16.6490, 31.9190**.

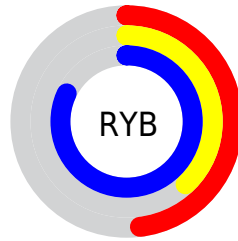
Distribution



Red (48%)

Green (38%)

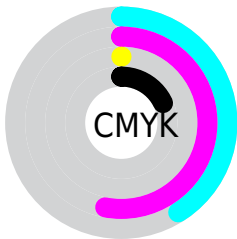
Blue (82%)



Red (48%)

Yellow (38%)

Blue (82%)

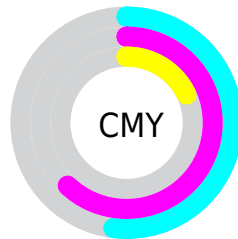


Cyan (41%)

Magenta (53%)

Yellow (0%)

Black (18%)



Cyan (52%)

Magenta (62%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.0150, -20.4100, 39.5100 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 118.0150, -20.4100, 39.5100 by changing the saturation by 10% instead.

■ 118.0150,
-20.4100, 39.5100

■ 118.0150,
-20.4100, 39.5100

■ 255.0000, -0.0000,
-0.0000

■ 92.3630, -21.5100,
37.4180

■ 170.3530,
-15.5500, 39.5380

■ 66.8250, -22.9310,
35.6370

■ 194.5740, -6.2870,
31.3530

■ 41.5640, -26.6900,
32.1740

■ 219.9800, 3.8930,
23.0690

■ 15.0360, -34.0710,
28.2730

■ 241.4990, 6.3250,
12.0290

■ 8.6640, -24.3960,
23.6360

■ 8.2760, -17.7920,
14.0800

■ 4.5940, -10.1800,

8.2840

■ 0.0000, 0.0000,
0.0000

■ 118.0150,
-20.4100, 39.5100

■ 118.0150,
-20.4100, 39.5100

■ 100.9040,
-24.1710, 47.1010

■ 135.1260,
-16.6490, 31.9190

■ 83.7930, -27.9320,
54.6920

■ 152.2370,
-12.8880, 24.3280

■ 67.2690, -31.9680,
61.7600

■ 168.7610, -8.8520,
17.2600

■ 50.1580, -35.7290,
69.3510

■ 185.8720, -5.0910,
9.6690

■ 37.7650, -38.7560,
74.6520

■ 202.9830, -1.3300,
2.0780

■ 220.0940, 2.4310,
-5.5130

■ 237.2050, 6.1920,
-13.1040

■ 248.7450, 13.2990,
-15.2530

■ 249.6420, 15.0870,
-14.6170

Harmonies

Analogous

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



96.7910, -105.8210, 7.0030



118.0150, -20.4100, 39.5100



114.9270, 38.9160, 54.6600

Triad

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



118.0150, -20.4100, 39.5100



108.6880, 79.3670, -12.1610



96.0880, -77.6620, -35.2780

Complementary

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



118.0150, -20.4100, 39.5100



187.9850, 20.4100, -39.5100

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.



87.8290, -58.5400, -51.4360



118.0150, -20.4100, 39.5100



108.1580, 47.9640, -32.2600

Square

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



118.0150, -20.4100, 39.5100



108.1220, 85.4580, 26.1460



99.3330, 10.1420, -51.6660



102.2440, -94.9960, -18.4840

Rectangle

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



118.0150, -20.4100, 39.5100



108.6990, 65.9210, 55.3370



99.3330, 10.1420, -51.6660



93.9220, -71.5630, -41.1870

Sweetspot

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



118.0150, -20.4100, 39.5100



221.3650, -7.7970, 14.6590



161.0220, -58.9600, -10.7680



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.



118.0150, -20.4100, 39.5100



123.4170, -29.6290, 57.9150



134.1610, 11.7740, 50.9580



95.8520, -2.3390, 3.8450



30.5140, -31.2800, 60.3040



7.3650, -7.7970, 14.6590

Inverse Universe

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



140.5800, 38.2750, 49.7550



156.2750, 56.1520, 72.6960



171.8390, -11.7740, -50.9580



98.2010, 3.9880, 4.8200



65.0520, 58.3980, 76.0460



15.9070, 14.1640, 18.6440

Previews

White Background



This preview shows how the YIQ color 118.0150, -20.4100, 39.5100 looks on a white background.

Color Contrast Check

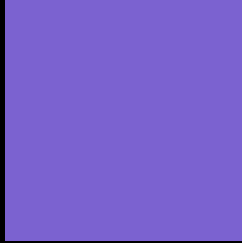
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0150, -20.4100, 39.5100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

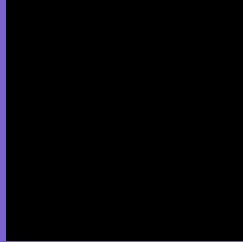
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.0150, -20.4100, 39.5100

Background



This preview shows how black text looks on a background with the YIQ color 118.0150, -20.4100, 39.5100.



This preview shows how white text looks on a background with the YIQ color 118.0150, -20.4100, 39.5100.

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

118.0150, -20.4100, 39.5100

Protanopia

107.0130, -70.7950, 22.0130

Deuteranopia

105.0800, -72.9020, 10.6340



Tritanopia

114.9540, -11.5540, 0.1420

Trichromacy



Original Color

118.0150, -20.4100, 39.5100

Protanomaly

110.9830, -52.9150, 28.3730

Deuteranomaly

109.7560, -54.0140, 20.7540

Tritanomaly

116.2440, -14.7660, 14.3060

Monochromacy



Original Color

118.0150, -20.4100, 39.5100

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.2510, -7.4760, 14.3480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.0150, -20.4100, 39.5100 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(123, 98, 208)` looks like.

```
.text, #text, p{  
    color:rgb(123, 98, 208)  
}
```

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(123, 98, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 98, 208) }
```

Border

The CSS property to change the border of an element to YIQ 118.0150, -20.4100, 39.5100 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(123, 98, 208) }
```


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

```
.border{ border-color:rgb(123, 98, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 98, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 98, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 98, 208);  
box-shadow:4px 4px 4px 4px rgb(123, 98,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 118.0150, -20.4100, 39.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 98, 208) }
```

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

```
.background{ background-color: rgb(123, 98,  
208) }
```

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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