

Converting Colors

YIQ(116.2350, -18.5740,
28.2580)

Have a look what the booklet for
YIQ(116.2350, -18.5740, 28.2580)
contains.

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Color

**YIQ(116.2350, -18.5740,
28.2580)**

Conversions

Conversions Part 1

Format	Color
Hex	7467B9
RGB	116, 103, 185
RGB Percent	45%, 40%, 73%
CMY	0.5450, 0.5961, 0.2746
CMYK	0.37, 0.44, 0.00, 0.27
HSL	250°, 37%, 56%
HSV	250°, 44%, 73%
XYZ	20.8082, 16.9152, 48.0478
YIQ	116.2350, -18.5740, 28.2580

Conversions

Conversions Part 2

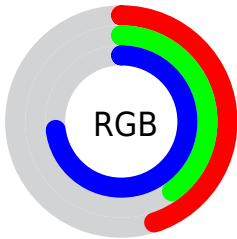
Format	Color
R_{YB}	116, 103, 185
Decimal	7628729
CIE _{Lab}	48.15, 24.83, -41.66
CIE _{LCh}	48, 48.494, 300.794
Yxy	16.9152, 0.2426, 0.1972
Android (android.graphics.Color)	4285818809 (0xFF7467B9)
YUV	116.2350, 33.9011, -0.2061
Hunter-Lab	41.1281, 18.3356, -40.4758

Details

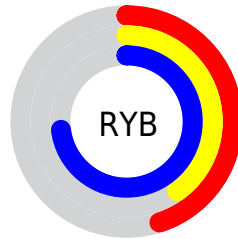
The YIQ color **116.2350, -18.5740, 28.2580** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **171.7650, 18.5740, -28.2580**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1150, -18.1160, 30.9720**, and **66.6430, -19.9030, 24.8090** is the 20% darker color. If you saturate the color by 10%, you get **100.8850, -23.1600, 34.2800**, and if you desaturate by 10%, it is **131.5850, -13.9880, 22.2360**.

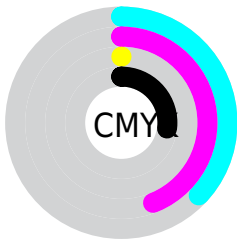
Distribution



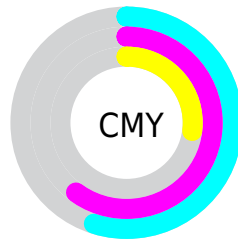
- Red (45%)
- Green (40%)
- Blue (73%)



- Red (45%)
- Yellow (40%)
- Blue (73%)



- Cyan (37%)
- Magenta (44%)
- Yellow (0%)
- Black (27%)



- Cyan (55%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.2350, -18.5740, 28.2580 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 116.2350, -18.5740, 28.2580 by changing the saturation by 10% instead.

■ 116.2350,
-18.5740, 28.2580

■ 116.2350,
-18.5740, 28.2580

■ 255.0000, -0.0000,
-0.0000

■ 90.9960, -19.3990,
26.6890

■ 169.0010,
-17.7950, 30.6610

■ 66.6430, -19.9030,
24.8090

■ 194.8180,
-13.0260, 26.8300

■ 42.8060, -21.9200,
22.8160

■ 219.9250, -3.4420,
18.3340

■ 17.4520, -29.8510,
17.8690

■ 244.4340, 4.9500,
9.4140

■ 6.6120, -18.6180,
18.0380

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,

3.1100

■ 0.0000, 0.0000,
0.0000

■ 116.2350,
-18.5740, 28.2580

■ 116.2350,
-18.5740, 28.2580

■ 100.8850,
-23.1600, 34.2800

■ 131.5850,
-13.9880, 22.2360

■ 85.2470, -26.8750,
41.0370

■ 147.2230,
-10.2730, 15.4790

■ 69.8970, -31.4610,
47.0590

■ 162.5730, -5.6870,
9.4570

■ 54.2590, -35.1760,
53.8160

■ 178.2110, -1.9720,
2.7000

■ 38.9090, -39.7620,
59.8380

■ 193.5610, 2.6140,
-3.3220

■ 29.7610, -42.1010,
63.6830

■ 209.1990, 6.3290,
-10.0790

■ 224.5490, 10.9150,
-16.1010

■ 240.1870, 14.6300,
-22.8580

■ 247.0200, 22.4700,
-21.7700

Harmonies

Analogous

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



92.1970, -95.6410, -1.2810



116.2350, -18.5740, 28.2580



117.4870, 24.9350, 38.2070

Triad

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



116.2350, -18.5740, 28.2580



111.6600, 59.3750, -2.2650



91.6540, -73.4440, -34.6280

Complementary

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



116.2350, -18.5740, 28.2580



171.7650, 18.5740, -28.2580

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.



93.4770, -42.4490, -40.1850



116.2350, -18.5740, 28.2580



109.4320, 41.6810, -23.0150

Square

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



116.2350, -18.5740, 28.2580



112.2980, 64.2310, 19.8710



104.9270, 9.1300, -33.3180



95.7410, -86.3300, -21.3540

Rectangle

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



116.2350, -18.5740, 28.2580



114.3230, 45.8880, 38.4320



104.9270, 9.1300, -33.3180



89.4710, -68.6750, -38.4590

Sweetspot

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



116.2350, -18.5740, 28.2580



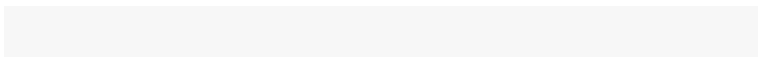
213.7300, -7.5670, 10.4890



153.4380, -45.5720, -11.1080



104.0630, -4.3110, 6.5450



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.



116.2350, -18.5740, 28.2580



133.4580, -28.8470, 43.7370



128.1950, 5.2660, 36.7380



84.3250, -2.2930, 3.0110



25.2590, -35.1760, 53.8160



4.3880, -6.6040, 9.5560

Inverse Universe

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



135.3840, 26.7230, 38.8430



163.1710, 41.3450, 60.2010



159.8050, -5.2660, -36.7380



86.4890, 3.1170, 4.0850



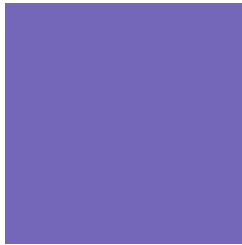
61.5780, 50.9250, 73.8130



11.1080, 8.9840, 13.4000

Previews

White Background



This preview shows how the YIQ color 116.2350, -18.5740, 28.2580 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 116.2350, -18.5740, 28.2580 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 116.2350, -18.5740, 28.2580

Background



This preview shows how black text looks on a background with the YIQ color 116.2350, -18.5740, 28.2580.



This preview shows how white text looks on a background with the YIQ color 116.2350, -18.5740,

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

116.2350, -18.5740, 28.2580

Protanopia

111.6660, -45.0730, 18.4070

Deuteranopia

110.0910, -45.0720, 12.8800



Tritanopia

113.2530, -10.9580, 0.3540

Trichromacy



Original Color

116.2350, -18.5740, 28.2580

Protanomaly

113.4500, -35.5370, 21.7990

Deuteranomaly

112.3420, -35.3530, 18.4630

Tritanomaly

114.2070, -13.3440, 10.5600

Monochromacy



Original Color

116.2350, -18.5740, 28.2580

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9150, -6.6500, 10.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.2350, -18.5740, 28.2580 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(116, 103, 185)` looks like.

```
.text, #text, p{  
    color:rgb(116, 103, 185)  
}
```

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(116, 103, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 103, 185) }
```

Border

The CSS property to change the border of an element to YIQ 116.2350, -18.5740, 28.2580 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(116, 103, 185) }
```


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

```
.border{ border-color:rgb(116, 103, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 103, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 103, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 103, 185);  
box-shadow:4px 4px 4px 4px rgb(116, 103,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 116.2350, -18.5740, 28.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 103, 185) }
```

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

```
.background{ background-color: rgb(116,  
103, 185) }
```

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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