

Converting Colors

YIQ(106.1720, -23.4310,
11.6490)

Have a look what the booklet for
YIQ(106.1720, -23.4310, 11.6490)
contains.

YIQ(106.1720, -23.4310, 11.6490)	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(106.1720, -23.4310,
11.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6998
RGB	91, 105, 152
RGB Percent	36%, 41%, 60%
CMY	0.6431, 0.5882, 0.4040
CMYK	0.40, 0.31, 0.00, 0.40
HSL	226°, 25%, 48%
HSV	226°, 40%, 60%
XYZ	15.0313, 14.5944, 31.7164
YIQ	106.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

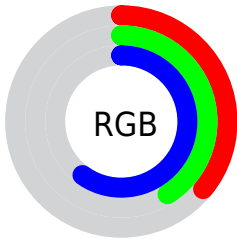
Format	Color
R_{YB}	91, 102, 152
Decimal	5990808
CIE _{Lab}	45.07, 7.14, -27.28
CIE _{LCh}	45, 28.198, 284.669
Yxy	14.5944, 0.2450, 0.2379
Android (android.graphics.Color)	4284180888 (0xFF5B6998)
YUV	106.1720, 22.5932, -13.3058
Hunter-Lab	38.2026, 3.3784, -22.4816

Details

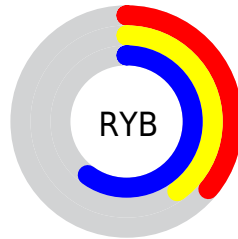
The YIQ color **106.1720, -23.4310, 11.6490** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **136.8280, 23.4310, -11.6490**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **157.8130, -23.7980, 12.7940**, and **57.5200, -24.5310, 9.5570** is the 20% darker color. If you saturate the color by 10%, you get **94.6430, -29.0710, 14.7450**, and if you desaturate by 10%, it is **117.7010, -17.7910, 8.5530**.

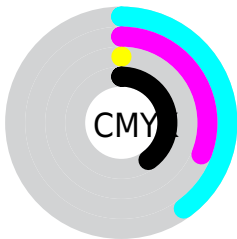
Distribution



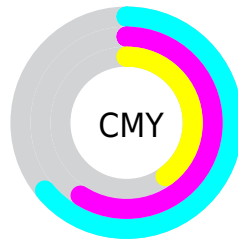
- Red (36%)
- Green (41%)
- Blue (60%)



- Red (36%)
- Yellow (40%)
- Blue (60%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.1720, -23.4310, 11.6490 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 106.1720, -23.4310, 11.6490 by changing the saturation by 10% instead.

■ 106.1720,
-23.4310, 11.6490

■ 106.1720,
-23.4310, 11.6490

■ 255.0000, -0.0000,
-0.0000

■ 81.6450, -23.3850,
10.8150

■ 157.8130,
-23.7980, 12.7940

■ 57.5200, -24.5310,
9.5570

■ 185.3400,
-23.8440, 13.6280

■ 34.0850, -27.7400,
7.1400

■ 211.5420,
-21.5970, 11.4510

■ 15.5480, -21.7340,
8.4260

■ 237.2360,
-12.2880, 2.4320

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,

0.0000

■ 106.1720,
-23.4310, 11.6490

■ 106.1720,
-23.4310, 11.6490

■ 94.6430, -29.0710,
14.7450

■ 117.7010,
-17.7910, 8.5530

■ 83.7010, -34.9860,
17.3180

■ 128.6430,
-11.8760, 5.9800

■ 71.8730, -41.2220,
20.2020

■ 140.4710, -5.6400,
3.0960

■ 60.3440, -46.8620,
23.2980

■ 152.0000, -0.0000,
-0.0000

■ 48.8150, -52.5020,
26.3940

■ 163.5290, 5.6400,
-3.0960

■ 37.8730, -58.4170,
28.9670

■ 174.4710, 11.5550,
-5.6690

■ 186.0000, 17.1950,
-8.7650

■ 197.8280, 23.4310,
-11.6490

■ 208.7700, 29.3460,
-14.2220

Harmonies

Analogous

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



98.3100, -50.6630, -1.4390



106.1720, -23.4310, 11.6490



109.3880, 2.5640, 19.6200

Triad

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



106.1720, -23.4310, 11.6490



107.0940, 37.9620, 5.8500



95.7150, -30.7150, -21.5550

Complementary

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



106.1720, -23.4310, 11.6490



136.8280, 23.4310, -11.6490

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.



100.8290, -4.6730, -19.9450



106.1720, -23.4310, 11.6490



105.7090, 31.3160, -5.8680

Square

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



106.1720, -23.4310, 11.6490



108.0480, 35.5760, 16.0560



103.7130, 16.3250, -15.0270



86.2950, -64.6430, -23.4190

Rectangle

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



106.1720, -23.4310, 11.6490



109.4560, 17.0520, 21.3720



103.7130, 16.3250, -15.0270



97.6190, -21.6370, -20.8770

Sweetspot

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



106.1720, -23.4310, 11.6490



178.5570, -8.7580, 4.5380



132.1650, -31.8620, -17.2860



89.2430, -4.9980, 2.4740



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



106.1720, -23.4310, 11.6490



125.6300, -36.2240, 17.7280



102.7380, -10.0450, 22.3630



71.0860, -3.1180, 1.4420



34.7440, -53.7400, 26.8040



3.2430, -4.9980, 2.4740

Inverse Universe

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



110.8350, 31.8620, 17.2860



132.6140, 48.9620, 26.7700



140.2620, 10.0450, -22.3630



71.6200, 4.1260, 2.3180



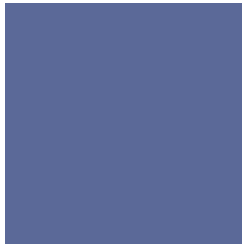
45.5080, 73.1680, 39.6320



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 106.1720, -23.4310, 11.6490 looks on a white background.

Color Contrast Check

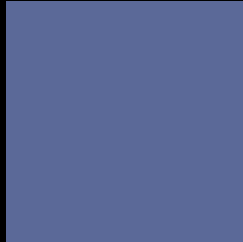
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.1720, -23.4310, 11.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

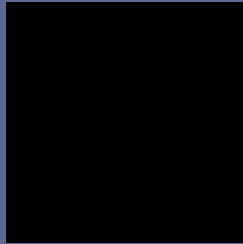
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

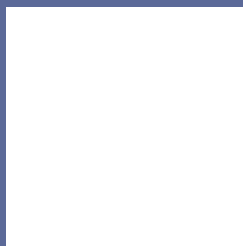
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 106.1720, -23.4310, 11.6490

Background



This preview shows how black text looks on a background with the YIQ color 106.1720, -23.4310, 11.6490.



This preview shows how white text looks on a background with the YIQ color 106.1720, -23.4310,

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

106.1720, -23.4310, 11.6490

Protanopia

106.4710, -22.8350, 11.8610

Deuteranopia

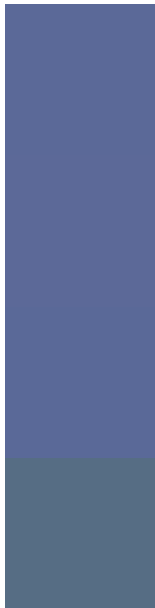
105.5740, -24.6230, 11.2250



Tritanopia

103.6540, -19.5770, -3.1370

Trichromacy



Original Color

106.1720, -23.4310, 11.6490

Protanomaly

106.4710, -22.8350, 11.8610

Deuteranomaly

105.8730, -24.0270, 11.4370

Tritanomaly

104.7450, -21.0910, 2.2770

Monochromacy



Original Color

106.1720, -23.4310, 11.6490

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.4430, -8.4370, 4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.1720, -23.4310, 11.6490 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(91, 105, 152)` looks like.

```
.text, #text, p{  
    color:rgb(91, 105, 152)  
}
```

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(91, 105, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 105, 152) }
```

Border

The CSS property to change the border of an element to YIQ 106.1720, -23.4310, 11.6490 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(91, 105, 152) }
```


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

```
.border{ border-color:rgb(91, 105, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 105, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 105, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 105, 152);  
box-shadow:4px 4px 4px 4px rgb(91, 105,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 106.1720, -23.4310, 11.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 105, 152) }
```

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

```
.background{ background-color: rgb(91, 105,  
152) }
```

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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