

Converting Colors

YIQ(106.7590, -23.7060,
11.1260)

Have a look what the booklet for
YIQ(106.7590, -23.7060, 11.1260)
contains.

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Color

**YIQ(106.7590, -23.7060,
11.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	5B6A98
RGB	91, 106, 152
RGB Percent	36%, 42%, 60%
CMY	0.6431, 0.5843, 0.4040
CMYK	0.40, 0.30, 0.00, 0.40
HSL	225°, 25%, 48%
HSV	225°, 40%, 60%
XYZ	15.1337, 14.7994, 31.7505
YIQ	106.7590, -23.7060, 11.1260

Conversions

Conversions Part 2

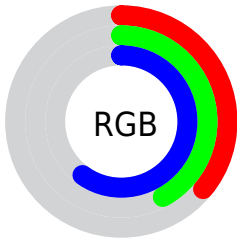
Format	Color
R _Y B	91, 103, 152
Decimal	5991064
CIE Lab	45.36, 6.53, -26.84
CIE LCh	45, 27.618, 283.670
Yxy	14.7994, 0.2453, 0.2399
Android (android.graphics.Color)	4284181144 (0xFF5B6A98)
YUV	106.7590, 22.3038, -13.8206
Hunter-Lab	38.4699, 2.8977, -22.0050

Details

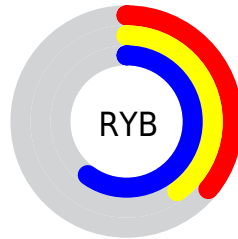
The YIQ color $106.7590, -23.7060, 11.1260$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $136.2410, 23.7060, -11.1260$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.4000, -24.0730, 12.2710$, and $58.1070, -24.8060, 9.0340$ is the 20% darker color. If you saturate the color by 10%, you get $95.8170, -29.6210, 13.6990$, and if you desaturate by 10%, it is $117.7010, -17.7910, 8.5530$.

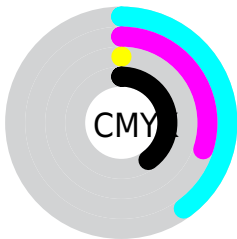
Distribution



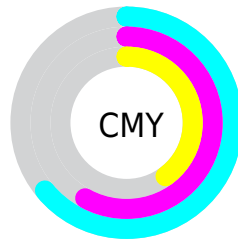
- Red (36%)
- Green (42%)
- Blue (60%)



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



- Cyan (40%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7590, -23.7060, 11.1260 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 106.7590, -23.7060, 11.1260 by changing the saturation by 10% instead.

■ 106.7590,
-23.7060, 11.1260

■ 106.7590,
-23.7060, 11.1260

■ 255.0000, -0.0000,
-0.0000

■ 82.2320, -23.6600,
10.2920

■ 158.4000,
-24.0730, 12.2710

■ 58.1070, -24.8060,
9.0340

■ 185.9270,
-24.1190, 13.1050

■ 34.6720, -28.0150,
6.6170

■ 212.7160,
-22.1470, 10.4050

■ 16.1350, -22.0090,
7.9030

■ 237.8230,
-12.5630, 1.9090

■ 4.8220, -10.8220,
8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,

0.0000

■ 106.7590,
-23.7060, 11.1260

■ 106.7590,
-23.7060, 11.1260

■ 95.8170, -29.6210,
13.6990

■ 117.7010,
-17.7910, 8.5530

■ 84.2880, -35.2610,
16.7950

■ 129.2300,
-12.1510, 5.4570

■ 73.0470, -41.7720,
19.1560

■ 140.4710, -5.6400,
3.0960

■ 61.5180, -47.4120,
22.2520

■ 152.0000, -0.0000,
-0.0000

■ 50.5760, -53.3270,
24.8250

■ 162.9420, 5.9150,
-2.5730

■ 39.0470, -58.9670,
27.9210

■ 174.4710, 11.5550,
-5.6690

■ 185.4130, 17.4700,
-8.2420

■ 197.2410, 23.7060,
-11.1260

■ 208.1830, 29.6210,
-13.6990

Harmonies

Analogous

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



98.4950, -49.7460, -1.5380



106.7590, -23.7060, 11.1260



110.3770, 1.0970, 18.6730

Triad

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



106.7590, -23.7060, 11.1260



108.2080, 37.6410, 6.1610



97.6120, -28.9270, -20.9190

Complementary

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



106.7590, -23.7060, 11.1260



136.2410, 23.7060, -11.1260

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.



101.5410, -3.8020, -19.2100



106.7590, -23.7060, 11.1260



106.8230, 30.9950, -5.5570

Square

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



106.7590, -23.7060, 11.1260



108.8630, 34.6590, 16.1550



104.5390, 16.8750, -13.9810



89.7580, -58.6370, -22.1330

Rectangle

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



106.7590, -23.7060, 11.1260



110.7440, 16.1810, 20.6370



104.5390, 16.8750, -13.9810



99.1030, -20.1240, -20.7640

Sweetspot

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



106.7590, -23.7060, 11.1260



179.1440, -9.0330, 4.0150



132.0510, -31.5410, -17.5970



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.



106.7590, -23.7060, 11.1260



126.2170, -36.4990, 17.2050



102.4390, -10.6410, 22.1510



71.0860, -3.1180, 1.4420



36.5050, -54.5650, 25.2350



3.2430, -4.9980, 2.4740

Inverse Universe

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



110.9490, 31.5410, 17.5970



132.7280, 48.6410, 27.0810



140.5610, 10.6410, -22.1510



71.6200, 4.1260, 2.3180



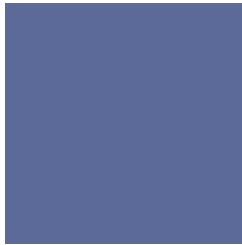
45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890

Previews

White Background



This preview shows how the YIQ color 106.7590, -23.7060, 11.1260 looks on a white background.

Color Contrast Check

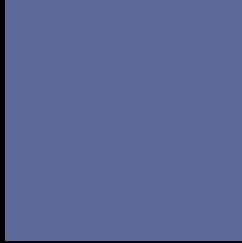
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7590, -23.7060, 11.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

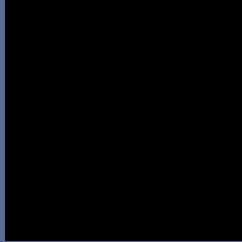
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

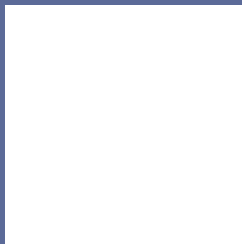
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 106.7590, -23.7060, 11.1260

Background



This preview shows how black text looks on a background with the YIQ color 106.7590, -23.7060, 11.1260.



This preview shows how white text looks on a background with the YIQ color 106.7590, -23.7060,

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

106.7590, -23.7060, 11.1260

Protanopia

107.3570, -22.5140, 11.5500

Deuteranopia

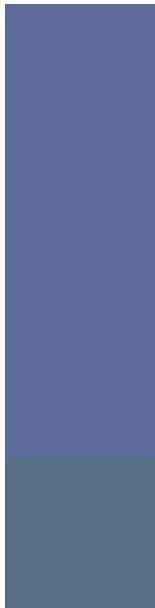
106.7590, -23.7060, 11.1260



Tritanopia

104.3550, -20.1730, -3.3490

Trichromacy



Original Color

106.7590, -23.7060, 11.1260

Protanomaly

107.0580, -23.1100, 11.3380

Deuteranomaly

106.7590, -23.7060, 11.1260

Tritanomaly

105.3320, -21.3660, 1.7540

Monochromacy



Original Color

106.7590, -23.7060, 11.1260

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.0300, -8.7120, 3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7590, -23.7060, 11.1260 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, 106, 152)` looks like.

```
.text, #text, p{  
    color:rgb(91, 106, 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, 106, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 106, 152) }
```

Border

The CSS property to change the border of an element to YIQ 106.7590, -23.7060, 11.1260 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, 106, 152) }
```


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

```
.border{ border-color:rgb(91, 106, 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, 106, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 106, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 106, 152);  
box-shadow:4px 4px 4px 4px rgb(91, 106,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7590, -23.7060, 11.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 106, 152) }
```

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

```
.background{ background-color: rgb(91, 106,  
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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