

Converting Colors

YIQ(110.0090, -21.4140,
13.6420)

Have a look what the booklet for
YIQ(110.0090, -21.4140, 13.6420)
contains.

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Color

**YIQ(110.0090, -21.4140,
13.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	626B9D
RGB	98, 107, 157
RGB Percent	38%, 42%, 62%
CMY	0.6157, 0.5804, 0.3844
CMYK	0.38, 0.32, 0.00, 0.38
HSL	231°, 23%, 50%
HSV	231°, 38%, 62%
XYZ	16.3785, 15.5463, 34.0217
YIQ	110.0090, -21.4140, 13.6420

Conversions

Conversions Part 2

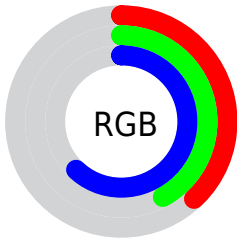
Format	Color
R _Y B	98, 106, 157
Decimal	6450077
CIE Lab	46.37, 9.39, -28.17
CIE LCh	46, 29.697, 288.425
Yxy	15.5463, 0.2484, 0.2357
Android (android.graphics.Color)	4284640157 (0xFF626B9D)
YUV	110.0090, 23.1666, -10.5319
Hunter-Lab	39.4287, 5.1476, -23.5591

Details

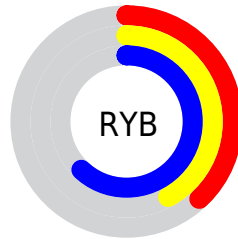
The YIQ color **110.0090, -21.4140, 13.6420** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **144.9910, 21.4140, -13.6420**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0630, -21.5060, 15.3100**, and **61.5420, -21.5970, 11.4510** is the 20% darker color. If you saturate the color by 10%, you get **97.5940, -27.3750, 17.0490**, and if you desaturate by 10%, it is **122.4240, -15.4530, 10.2350**.

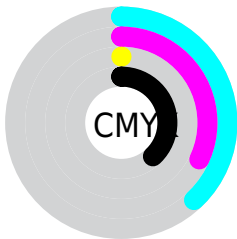
Distribution



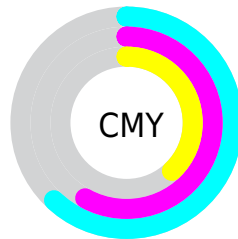
- Red (38%)
- Green (42%)
- Blue (62%)



- Red (38%)
- Yellow (42%)
- Blue (62%)



- Cyan (38%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.0090, -21.4140, 13.6420 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 110.0090, -21.4140, 13.6420 by changing the saturation by 10% instead.

■ 110.0090,
-21.4140, 13.6420

■ 110.0090,
-21.4140, 13.6420

■ 255.0000, -0.0000,
-0.0000

■ 85.4820, -21.3680,
12.8080

■ 162.0630,
-21.5060, 15.3100

■ 61.5420, -21.5970,
11.4510

■ 189.1770,
-21.8270, 15.6210

■ 38.1180, -23.3390,
9.9810

■ 215.6950,
-17.6540, 11.5780

■ 17.1780, -23.5680,
8.6240

■ 240.8020, -8.0700,
3.0820

■ 5.2780, -12.1060,
10.1500

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,

0.0000

■ 110.0090,
-21.4140, 13.6420

■ 110.0090,
-21.4140, 13.6420

■ 97.5940, -27.3750,
17.0490

■ 122.4240,
-15.4530, 10.2350

■ 84.8910, -32.4650,
21.1910

■ 135.1270,
-10.3630, 6.0930

■ 72.4760, -38.4260,
24.5980

■ 147.5420, -4.4020,
2.6860

■ 60.0610, -44.3870,
28.0050

■ 159.9570, 1.5590,
-0.7210

■ 47.9450, -49.7520,
31.6240

■ 172.6600, 6.6490,
-4.8630

■ 34.9430, -55.4380,
35.5540

■ 185.0750, 12.6100,
-8.2700

■ 31.9860, -56.9970,
36.2750

■ 197.4900, 18.5710,
-11.6770

■ 209.9050, 24.5320,
-15.0840

■ 222.6080, 29.6220,
-19.2260

Harmonies

Analogous

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



101.3640, -50.7550, 0.2290



110.0090, -21.4140, 13.6420



112.9970, 5.2230, 20.9910

Triad

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



110.0090, -21.4140, 13.6420



109.9370, 39.8420, 4.8180



97.2520, -36.7210, -22.8410

Complementary

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



110.0090, -21.4140, 13.6420



144.9910, 21.4140, -13.6420

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.



103.0350, -8.2490, -21.2170



110.0090, -21.4140, 13.6420



108.6550, 31.4080, -7.5360

Square

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



110.0090, -21.4140, 13.6420



111.4890, 38.6480, 15.4480



106.5880, 15.1790, -16.2850



86.4510, -73.9500, -25.4540

Rectangle

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



110.0090, -21.4140, 13.6420



113.2500, 20.6280, 22.6440



106.5880, 15.1790, -16.2850



99.9280, -27.0010, -22.7850

Sweetspot

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



110.0090, -21.4140, 13.6420



186.2690, -7.8870, 5.2730



138.2190, -31.9540, -15.6180



91.6560, -4.7230, 2.9970



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



110.0090, -21.4140, 13.6420



130.7060, -33.3820, 21.2900



110.7060, -7.0190, 22.5890



72.4990, -2.8430, 1.9650



29.2160, -51.9530, 32.9670



2.8840, -5.3650, 3.6190

Inverse Universe

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



116.6670, 32.2750, 15.3070



141.1040, 50.3380, 23.8580



144.2940, 7.0190, -22.5890



73.5060, 4.4470, 2.0070



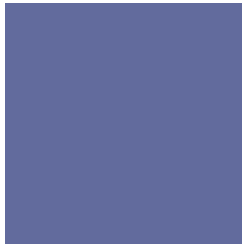
45.2650, 78.1660, 37.1580



4.7130, 8.2980, 3.8020

Previews

White Background



This preview shows how the YIQ color 110.0090, -21.4140, 13.6420 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 110.0090, -21.4140, 13.6420 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 110.0090, -21.4140, 13.6420

Background



This preview shows how black text looks on a background with the YIQ color 110.0090, -21.4140, 13.6420.



This preview shows how white text looks on a background with the YIQ color 110.0090, -21.4140,

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

110.0090, -21.4140, 13.6420

Protanopia

109.5140, -24.3940, 12.5820

Deuteranopia

109.3890, -25.5400, 11.3240



Tritanopia

107.8500, -17.1930, -2.2890

Trichromacy



Original Color

110.0090, -21.4140, 13.6420

Protanomaly

109.8130, -23.7980, 12.7940

Deuteranomaly

109.4000, -24.0730, 12.2710

Tritanomaly

108.3540, -18.4320, 3.6480

Monochromacy



Original Color

110.0090, -21.4140, 13.6420

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1550, -7.5660, 4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.0090, -21.4140, 13.6420 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(98, 107, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 107, 157)  
}
```

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(98, 107, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 107, 157) }
```

Border

The CSS property to change the border of an element to YIQ 110.0090, -21.4140, 13.6420 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(98, 107, 157) }
```


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

```
.border{ border-color:rgb(98, 107, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 107, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 107, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 107, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 107,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 110.0090, -21.4140, 13.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 107, 157) }
```

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

```
.background{ background-color: rgb(98, 107,  
157) }
```

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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