

Converting Colors

YIQ(106.7160, -47.3690,
37.9990)

Have a look what the booklet for
YIQ(106.7160, -47.3690, 37.9990)
contains.

YIQ(106.7160, -47.3690, 37.9990)	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(106.7160, -47.3690,
37.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	555FE0
RGB	85, 95, 224
RGB Percent	33%, 37%, 88%
CMY	0.6666, 0.6274, 0.1219
CMYK	0.62, 0.58, 0.00, 0.12
HSL	236°, 69%, 61%
HSV	236°, 62%, 88%
XYZ	21.2848, 15.4950, 72.3378
YIQ	106.7160, -47.3690, 37.9990

Conversions

Conversions Part 2

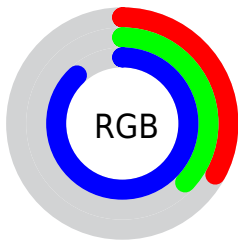
Format	Color
R_{YB}	85, 94, 224
Decimal	5595104
CIE _{Lab}	46.30, 35.08, -67.09
CIE _{LCh}	46, 75.708, 297.601
Yxy	15.4950, 0.1951, 0.1420
Android (android.graphics.Color)	4283785184 (0xFF555FE0)
YUV	106.7160, 57.8210, -19.0449
Hunter-Lab	39.3637, 27.6323, -81.4012

Details

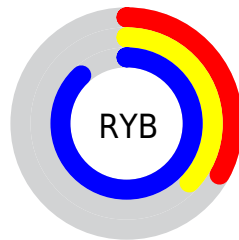
The YIQ color **106.7160, -47.3690, 37.9990** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **202.2840, 47.3690, -37.9990**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.1380, -34.1180, 34.6340**, and **47.9150, -67.4030, 26.6210** is the 20% darker color. If you saturate the color by 10%, you get **87.8110, -54.7060, 44.3180**, and if you desaturate by 10%, it is **125.6210, -40.0320, 31.6800**.

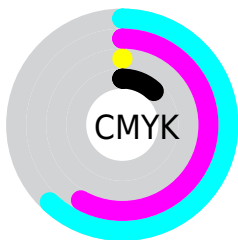
Distribution



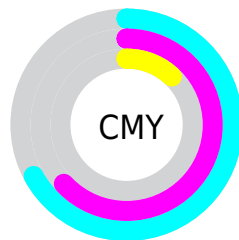
- Red (33%)
- Green (37%)
- Blue (88%)



- Red (33%)
- Yellow (37%)
- Blue (88%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (12%)



- Cyan (67%)
- Magenta (63%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.7160, -47.3690, 37.9990 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 106.7160, -47.3690, 37.9990 by changing the saturation by 10% instead.

■ 106.7160,
-47.3690, 37.9990

■ 106.7160,
-47.3690, 37.9990

■ 255.0000, -0.0000,
-0.0000

■ 78.5580, -52.9160,
33.9000

■ 158.1380,
-34.1180, 34.6340

■ 47.9150, -67.4030,
26.6210

■ 182.9570,
-23.6630, 26.8730

■ 32.3960, -52.6400,
28.8960

■ 207.7760,
-13.2080, 19.1120

■ 18.8660, -39.3440,
30.2240

■ 233.1820, -3.0280,
10.8280

■ 10.1460, -28.5690,
27.6790

■ 11.4050, -22.4690,
16.2430

■ 6.4350, -13.9860,

11.1820

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 106.7160,
-47.3690, 37.9990

■ 106.7160,
-47.3690, 37.9990

■ 87.8110, -54.7060,
44.3180

■ 125.6210,
-40.0320, 31.6800

■ 68.6070, -62.6390,
50.4250

■ 144.8250,
-32.0990, 25.5730

■ 50.2890, -70.2510,
56.2210

■ 163.1430,
-24.4870, 19.7770

■ 34.9280, -76.3040,
61.2960

■ 182.3470,
-16.5540, 13.6700

■ 201.2520, -9.2170,
7.3510

■ 220.1570, -1.8800,
1.0320

■ 238.7740, 6.3280,
-4.5520

■ 251.4660, 9.9510,
-9.6410

Harmonies

Analogous

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



97.5720, -109.3980, 11.2580



106.7160, -47.3690, 37.9990



105.9130, 33.5040, 64.6400

Triad

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



106.7160, -47.3690, 37.9990



100.5140, 89.0850, -1.0510



90.9870, -70.1880, -38.5720

Complementary

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



106.7160, -47.3690, 37.9990



202.2840, 47.3690, -37.9990

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.



81.2460, -46.8930, -58.7730



106.7160, -47.3690, 37.9990



103.4840, 53.0980, -26.1820

Square

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



106.7160, -47.3690, 37.9990



88.8550, 100.1720, 45.8360



94.6260, 10.8750, -48.4290



98.8700, -91.0070, -19.1910

Rectangle

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



106.7160, -47.3690, 37.9990



87.1310, 74.3530, 78.7450



94.6260, 10.8750, -48.4290



88.3650, -62.8050, -45.7250

Sweetspot

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



106.7160, -47.3690, 37.9990



214.2330, -16.2330, 13.3590



181.0710, -78.9920, -33.2000



102.5940, -10.1800, 8.2840



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.



106.7160, -47.3690, 37.9990



95.7640, -64.5190, 51.4570



118.1880, -10.0510, 55.5250



102.8410, -3.8060, 2.8980



27.6950, -60.0710, 47.9370



7.2330, -16.2330, 13.3590

Inverse Universe

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



127.7010, 79.6340, 32.5780



124.1070, 108.1500, 44.4220



190.8120, 10.0510, -55.5250



104.4030, 6.2350, 2.6430



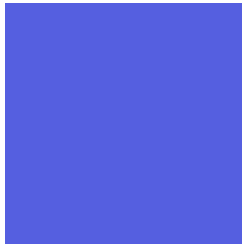
54.1060, 100.7230, 41.3550



14.6940, 27.6450, 11.1090

Previews

White Background



This preview shows how the YIQ color 106.7160, -47.3690, 37.9990 looks on a white background.

Color Contrast Check

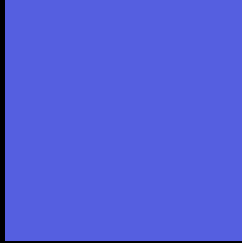
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7160, -47.3690, 37.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

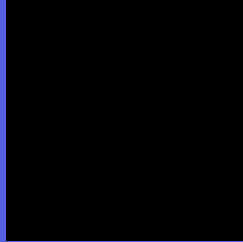
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.7160, -47.3690, 37.9990

Background



This preview shows how black text looks on a background with the YIQ color 106.7160, -47.3690, 37.9990.



This preview shows how white text looks on a background with the YIQ color 106.7160, -47.3690,

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

106.7160, -47.3690, 37.9990

Protanopia

87.0570, -100.4580, 14.4380

Deuteranopia

87.7460, -92.7530, 1.4470



Tritanopia

95.7250, -53.8700, -14.9100

Trichromacy



Original Color

106.7160, -47.3690, 37.9990

Protanomaly

93.9780, -80.8820, 23.1020

Deuteranomaly

94.7470, -76.1580, 14.5780

Tritanomaly

99.7000, -51.5810, 4.1870

Monochromacy



Original Color

106.7160, -47.3690, 37.9990

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

107.1620, -17.4710, 13.7690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.7160, -47.3690, 37.9990 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(85, 95, 224)` looks like.

```
.text, #text, p{  
    color:rgb(85, 95, 224)  
}
```

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(85, 95, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 95, 224) }
```

Border

The CSS property to change the border of an element to YIQ 106.7160, -47.3690, 37.9990 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(85, 95, 224) }
```


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

```
.border{ border-color:rgb(85, 95, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 95, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 95, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 95, 224);  
box-shadow:4px 4px 4px 4px rgb(85, 95,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 106.7160, -47.3690, 37.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 95, 224) }
```

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

```
.background{ background-color: rgb(85, 95,  
224) }
```

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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