

Converting Colors

YIQ(108.2690, -7.8870, 5.2730)

Have a look what the booklet for
YIQ(108.2690, -7.8870, 5.2730)
contains.

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Color

**YIQ(108.2690, -7.8870,
5.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	686B7E
RGB	104, 107, 126
RGB Percent	41%, 42%, 49%
CMY	0.5921, 0.5804, 0.5059
CMYK	0.17, 0.15, 0.00, 0.51
HSL	232°, 10%, 45%
HSV	232°, 17%, 49%
XYZ	14.7320, 14.9648, 21.8467
YIQ	108.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

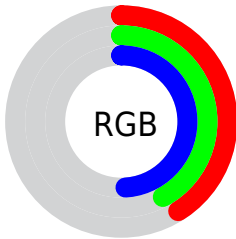
Format	Color
RYB	104, 107, 126
Decimal	6843262
CIELab	45.59, 3.13, -10.90
CIELCh	46, 11.343, 285.996
Yxy	14.9648, 0.2858, 0.2903
Android (android.graphics.Color)	4285033342 (0xFF686B7E)
YUV	108.2690, 8.7414, -3.7439
Hunter-Lab	38.6844, 0.2797, -6.4045

Details

The YIQ color **108.2690, -7.8870, 5.2730** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **121.7310, 7.8870, -5.2730**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4970, -8.5290, 5.8950**, and **61.0410, -7.2450, 4.6510** is the 20% darker color. If you saturate the color by 10%, you get **97.9250, -12.6100, 8.2700**, and if you desaturate by 10%, it is **118.6130, -3.1640, 2.2760**.

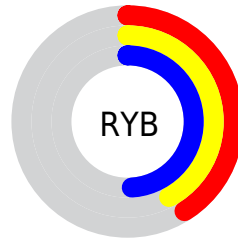
Distribution



Red (41%)

Green (42%)

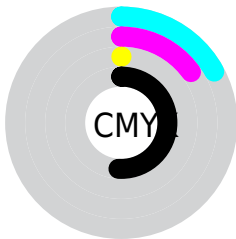
Blue (49%)



Red (41%)

Yellow (42%)

Blue (49%)

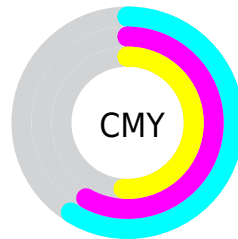


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (51%)



Cyan (59%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.2690, -7.8870, 5.2730 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 108.2690, -7.8870, 5.2730 by changing the saturation by 10% instead.

■ 108.2690, -7.8870,
5.2730

■ 108.2690, -7.8870,
5.2730

■ 255.0000, -0.0000,
-0.0000

■ 84.1550, -7.5660,
4.9620

■ 159.4970, -8.5290,
5.8950

■ 61.0410, -7.2450,
4.6510

■ 186.4970, -8.5290,
5.8950

■ 38.9270, -6.9240,
4.3400

■ 214.4970, -8.5290,
5.8950

■ 17.9270, -6.9240,
4.3400

■ 241.6990, -6.2820,
3.7180

■ 0.9120, -2.5680,
2.4880

■ 0.0000, 0.0000,
0.0000

■ 108.2690, -7.8870,
5.2730

■ 108.2690, -7.8870,
5.2730

■ 97.9250, -12.6100,
8.2700

■ 118.6130, -3.1640,
2.2760

■ 87.8800, -16.7370,
11.4790

■ 128.6580, 0.9630,
-0.9330

■ 77.5360, -21.4600,
14.4760

■ 139.0020, 5.6860,
-3.9300

■ 67.4910, -25.5870,
17.6850

■ 149.0470, 9.8130,
-7.1390

■ 57.7340, -30.5850,
20.1590

■ 158.8040, 14.8110,
-9.6130

■ 47.3900, -35.3080,
23.1560

■ 169.1480, 19.5340,
-12.6100

■ 37.3450, -39.4350,
26.3650

■ 179.1930, 23.6610,
-15.8190

■ 27.0010, -44.1580,

■ 189.5370, 28.3840,

29.3620

-18.8160

■ 24.3430, -45.1210,
30.2950

■ 199.5820, 32.5110,
-22.0250

Harmonies

Analogous

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



106.4420, -15.8640, 1.1600



108.2690, -7.8870, 5.2730



109.5260, 1.6950, 7.8310

Triad

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



108.2690, -7.8870, 5.2730



108.9650, 16.2760, 2.3880



104.6840, -11.0940, -8.1980

Complementary

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



108.2690, -7.8870, 5.2730



121.7310, 7.8870, -5.2730

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.



106.1750, -2.2910, -8.0430



108.2690, -7.8870, 5.2730



108.3620, 13.4800, -2.0080

Square

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



108.2690, -7.8870, 5.2730



109.3010, 15.4500, 6.3460



107.1330, 6.6950, -5.6970



104.3290, -17.2840, -6.1480

Rectangle

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



108.2690, -7.8870, 5.2730



109.5760, 7.4260, 8.5940



107.1330, 6.6950, -5.6970



105.2390, -8.3430, -8.4950

Sweetspot

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



108.2690, -7.8870, 5.2730



156.4990, -2.8430, 1.9650



119.0800, -12.1490, -5.5970



77.5700, -1.6050, 1.5550



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



108.2690, -7.8870, 5.2730



135.8110, -12.2890, 7.9590



108.9000, -2.2940, 8.5380



58.3850, -2.5220, 1.6540



24.5710, -45.7630, 30.9170



0.0000, 0.0000, 0.0000

Inverse Universe

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



110.9200, 12.1490, 5.5970



139.7360, 18.6590, 8.7630



121.1000, 2.2940, -8.5380



59.2070, 3.8510, 1.7950



40.2100, 70.8310, 32.4230



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 108.2690, -7.8870, 5.2730 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 108.2690, -7.8870, 5.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

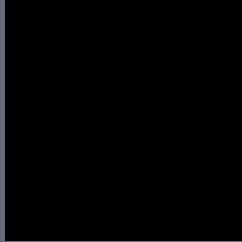
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.2690, -7.8870, 5.2730

Background



This preview shows how black text looks on a background with the YIQ color 108.2690, -7.8870, 5.2730.



This preview shows how white text looks on a background with the YIQ color 108.2690, -7.8870,

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

108.2690, -7.8870, 5.2730

Protanopia

108.2690, -7.8870, 5.2730

Deuteranopia

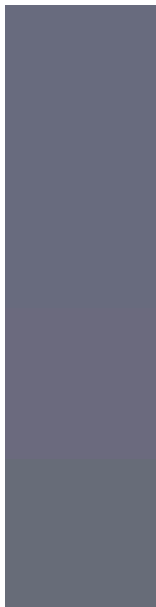
108.5900, -4.3570, 7.3790



Tritanopia

107.8190, -6.7400, 1.0040

Trichromacy



Original Color

108.2690, -7.8870, 5.2730

Protanomaly

108.2690, -7.8870, 5.2730

Deuteranomaly

108.5790, -5.8240, 6.4320

Tritanomaly

107.8730, -6.8320, 2.6720

Monochromacy



Original Color

108.2690, -7.8870, 5.2730

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

108.4990, -2.8430, 1.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.2690, -7.8870, 5.2730 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(104, 107, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 107, 126)  
}
```

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(104, 107, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 107, 126) }
```

Border

The CSS property to change the border of an element to YIQ 108.2690, -7.8870, 5.2730 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(104, 107, 126) }
```


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

```
.border{ border-color:rgb(104, 107, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 107, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 107, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 107, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 107,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 108.2690, -7.8870, 5.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 107, 126) }
```

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

```
.background{ background-color: rgb(104,  
107, 126) }
```

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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