

Converting Colors

YIQ(110.7220, 4.0790, 8.6790)

Have a look what the booklet for
YIQ(110.7220, 4.0790, 8.6790)
contains.

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Color

**YIQ(110.7220, 4.0790,
8.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	786879
RGB	120, 104, 121
RGB Percent	47%, 41%, 47%
CMY	0.5294, 0.5922, 0.5255
CMYK	0.01, 0.14, 0.00, 0.53
HSL	297°, 8%, 44%
HSV	297°, 14%, 47%
XYZ	16.1483, 15.2737, 20.1864
YIQ	110.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

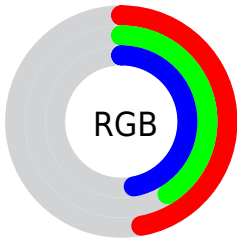
Format	Color
R_{YB}	120, 104, 121
Decimal	7891065
CIE _{Lab}	46.01, 9.66, -7.13
CIE _{LCh}	46, 12.006, 323.548
Yxy	15.2737, 0.3129, 0.2960
Android (android.graphics.Color)	4286081145 (0xFF786879)
YUV	110.7220, 5.0671, 8.1368
Hunter-Lab	39.0816, 5.3624, -3.2673

Details

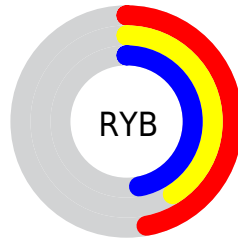
The YIQ color **110.7220, 4.0790, 8.6790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **114.2780, -4.0790, -8.6790**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.1350, 4.3540, 9.2020**, and **62.8960, 3.5290, 7.6330** is the 20% darker color. If you saturate the color by 10%, you get **103.3790, 6.7830, 14.7430**, and if you desaturate by 10%, it is **118.0650, 1.3750, 2.6150**.

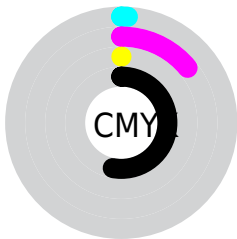
Distribution



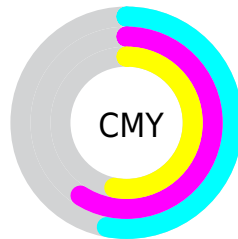
- Red (47%)
- Green (41%)
- Blue (47%)



- Red (47%)
- Yellow (41%)
- Blue (47%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)




- Cyan (53%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.7220, 4.0790, 8.6790 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 110.7220, 4.0790, 8.6790 by changing the saturation by 10% instead.


 110.7220, 4.0790,
8.6790


 110.7220, 4.0790,
8.6790


255.0000, -0.0000,
-0.0000

 86.3090, 3.8040,
8.1560


 162.1350, 4.3540,
9.2020


 62.8960, 3.5290,
7.6330


 189.5480, 4.6290,
9.7250

 40.8960, 3.5290,
7.6330

 217.5480, 4.6290,
9.7250

 19.8960, 3.5290,
7.6330

 245.0210, 4.6750,
8.8910

 0.1140, -0.3210,
0.3110

 0.0000, 0.0000,
0.0000

■ 110.7220, 4.0790,
8.6790

■ 110.7220, 4.0790,
8.6790

■ 103.3790, 6.7830,
14.7430

■ 118.0650, 1.3750,
2.6150

■ 96.3350, 10.0830,
21.0190

■ 125.1090, -1.9250,
-3.6610

■ 88.9920, 12.7870,
27.0830

■ 132.4520, -4.6290,
-9.7250

■ 81.6490, 15.4910,
33.1470

■ 139.7950, -7.3330,
-15.7890

■ 73.7190, 18.4700,
39.7340

■ 147.1380,
-10.0370, -21.8530

■ 66.6750, 21.7700,
46.0100

■ 154.7690,
-13.6120, -28.6520

■ 59.3320, 24.4740,
52.0740

■ 162.1120,
-16.3160, -34.7160

■ 51.9890, 27.1780,

■ 169.4550,

58.1380

-19.0200, -40.7800

■ 47.8800, 29.1030,
61.7990

■ 176.4990,
-22.3200, -47.0560

Harmonies

Analogous

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



109.5790, -5.8240, 6.4320



110.7220, 4.0790, 8.6790



110.9140, 12.2860, 8.6220

Triad

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



110.7220, 4.0790, 8.6790



109.1230, 12.6550, -3.5770



105.3610, -20.3100, -6.3740

Complementary

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



110.7220, 4.0790, 8.6790



114.2780, -4.0790, -8.6790

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.



105.6020, -13.7990, -8.7350



110.7220, 4.0790, 8.6790



107.7090, 4.9530, -7.1670

Square

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



110.7220, 4.0790, 8.6790



109.6230, 17.2390, 1.4550



106.3920, -4.4000, -8.3680



105.9960, -20.5400, -2.2040

Rectangle

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



110.7220, 4.0790, 8.6790



110.7140, 15.7250, 6.8690



106.3920, -4.4000, -8.3680



105.2040, -18.4300, -7.4060

Sweetspot

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



110.7220, 4.0790, 8.6790



154.4780, 1.6500, 3.1380



106.5250, -5.7320, 4.7640



76.6520, 1.1000, 2.0920



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



110.7220, 4.0790, 8.6790



141.8520, 6.8290, 13.9090



110.2230, 6.9220, 6.7140



57.4780, 1.6500, 3.1380



49.5320, 30.2030, 63.8910



99.8900, 60.9560, 128.8280

Inverse Universe

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



109.1970, 9.8110, 3.9150



139.3010, 15.4500, 6.3460



114.7770, -6.9220, -6.7140



56.7940, 3.5760, 1.2720



38.1730, 72.2530, 28.6770



77.0580, 145.3770, 58.0890

Previews

White Background



This preview shows how the YIQ color 110.7220, 4.0790, 8.6790 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 110.7220, 4.0790, 8.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

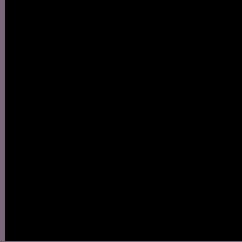
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.7220, 4.0790, 8.6790

Background



This preview shows how black text looks on a background with the YIQ color 110.7220, 4.0790, 8.6790.



This preview shows how white text looks on a background with the YIQ color 110.7220, 4.0790,

8.6790.

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

110.7220, 4.0790, 8.6790

Protanopia

109.5250, -5.7320, 4.7640

Deuteranopia

110.1020, -0.0470, 6.3610



Tritanopia

110.2120, 5.4550, 5.7670

Trichromacy



Original Color

110.7220, 4.0790, 8.6790

Protanomaly

110.3190, -2.1560, 6.0360

Deuteranomaly

110.1130, 1.4200, 7.3080

Tritanomaly

110.5540, 4.4920, 6.7000

Monochromacy



Original Color

110.7220, 4.0790, 8.6790

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.5920, 1.3290, 3.4490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.7220, 4.0790, 8.6790 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(120, 104, 121)` looks like.

```
.text, #text, p{  
    color:rgb(120, 104, 121)  
}
```

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(120, 104, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 104, 121) }
```

Border

The CSS property to change the border of an element to YIQ 110.7220, 4.0790, 8.6790 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(120, 104, 121) }
```


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

```
.border{ border-color:rgb(120, 104, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 104, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 104, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 104, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 104,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 110.7220, 4.0790, 8.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 104, 121) }
```

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

```
.background{ background-color: rgb(120,  
104, 121) }
```

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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