

Converting Colors

YIQ(112.1800, -8.7140, 14.7580)

Have a look what the booklet for
YIQ(112.1800, -8.7140, 14.7580)
contains.

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Color

**YIQ(112.1800, -8.7140,
14.7580)**

Conversions

Conversions Part 1

Format	Color
Hex	716993
RGB	113, 105, 147
RGB Percent	44%, 41%, 58%
CMY	0.5568, 0.5882, 0.4236
CMYK	0.23, 0.29, 0.00, 0.42
HSL	251°, 17%, 49%
HSV	251°, 29%, 58%
XYZ	17.1279, 15.7200, 29.7282
YIQ	112.1800, -8.7140, 14.7580

Conversions

Conversions Part 2

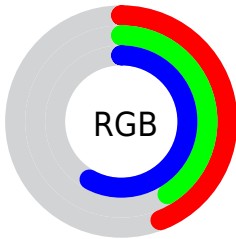
Format	Color
RYB	113, 105, 147
Decimal	7432595
CIELab	46.60, 12.57, -21.81
CIELCh	47, 25.171, 299.956
Yxy	15.7200, 0.2737, 0.2512
Android (android.graphics.Color)	4285622675 (0xFF716993)
YUV	112.1800, 17.1663, 0.7191
Hunter-Lab	39.6485, 7.7261, -16.7015

Details

The YIQ color $[112.1800, -8.7140, 14.7580]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[139.8200, 8.7140, -14.7580]$, and the grayscale version is $[112.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[163.8210, -9.0810, 15.9030]$, and $[64.1260, -8.6220, 13.0900]$ is the 20% darker color. If you saturate the color by 10%, you get $[99.7870, -11.7410, 20.0590]$, and if you desaturate by 10%, it is $[124.5730, -5.6870, 9.4570]$.

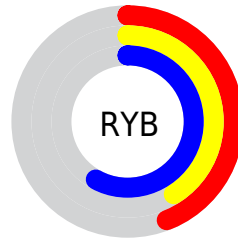
Distribution



Red (44%)

Green (41%)

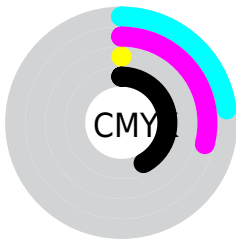
Blue (58%)



Red (44%)

Yellow (41%)

Blue (58%)

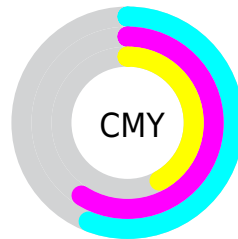


Cyan (23%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (59%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.1800, -8.7140, 14.7580 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 112.1800, -8.7140, 14.7580 by changing the saturation by 10% instead.

■ 112.1800, -8.7140,
14.7580

■ 112.1800, -8.7140,
14.7580

■ 255.0000, -0.0000,
-0.0000

■ 87.6530, -8.6680,
13.9240

■ 163.8210, -9.0810,
15.9030

■ 64.1260, -8.6220,
13.0900

■ 191.2340, -8.8060,
16.4260

■ 41.5990, -8.5760,
12.2560

■ 219.0060, -8.1640,
15.8040

■ 20.7730, -9.1260,
11.2100

■ 244.1130, 1.4200,
7.3080

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 112.1800, -8.7140,
14.7580

■ 112.1800, -8.7140,
14.7580

■ 99.7870, -11.7410,
20.0590

■ 124.5730, -5.6870,
9.4570

■ 87.9810, -15.0430,
24.8370

■ 136.3790, -2.3850,
4.6790

■ 75.5880, -18.0700,
30.1380

■ 148.7720, 0.6420,
-0.6220

■ 63.1950, -21.0970,
35.4390

■ 161.1650, 3.6690,
-5.9230

■ 51.6880, -23.8030,
40.4290

■ 172.6720, 6.3750,
-10.9130

■ 39.2950, -26.8300,
45.7300

■ 185.0650, 9.4020,
-16.2140

■ 26.9020, -29.8570,
51.0310

■ 197.4580, 12.4290,
-21.5150

■ 25.1300, -30.4990,

■ 209.8510, 15.4560,

51.6530

-26.8160

 221.6570, 18.7580,
-31.5940

Harmonies

Analogous

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



107.2910, -31.3160, 5.8680



112.1800, -8.7140, 14.7580



113.5370, 12.3300, 18.8420

Triad

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



112.1800, -8.7140, 14.7580



110.8820, 32.5070, 0.0830



99.7020, -37.8680, -18.5720

Complementary

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



112.1800, -8.7140, 14.7580



139.8200, 8.7140, -14.7580

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.



103.9080, -15.0810, -18.5450



112.1800, -8.7140, 14.7580



109.1100, 22.6970, -9.3590

Square

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



112.1800, -8.7140, 14.7580



111.7610, 34.7060, 9.7940



106.6240, 6.3300, -15.6060



96.1270, -55.0620, -15.3340

Rectangle

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



112.1800, -8.7140, 14.7580



113.1700, 23.6090, 18.1770



106.6240, 6.3300, -15.6060



100.5950, -30.2570, -18.8410

Sweetspot

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



112.1800, -8.7140, 14.7580



176.8350, -3.6690, 5.9230



129.7460, -22.8320, -4.7200



87.8520, -2.3390, 3.8450



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



112.1800, -8.7140, 14.7580



137.2970, -13.1170, 22.9710



118.4590, 3.8020, 19.2100



68.0970, -1.6510, 2.3890



23.5060, -28.8020, 48.4300



1.7380, -2.0180, 3.5340

Inverse Universe

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



121.4340, 14.1180, 19.4780



151.4770, 21.7270, 30.2630



133.5410, -3.8020, -19.2100



69.7770, 2.2460, 3.3500



53.9160, 46.6170, 63.7770



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 112.1800, -8.7140, 14.7580 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 112.1800, -8.7140, 14.7580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

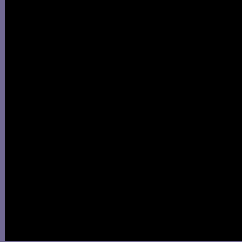
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.1800, -8.7140, 14.7580

Background



This preview shows how black text looks on a background with the YIQ color 112.1800, -8.7140, 14.7580.



This preview shows how white text looks on a background with the YIQ color 112.1800, -8.7140,

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

112.1800, -8.7140, 14.7580

Protanopia

110.6840, -19.1210, 10.6310

Deuteranopia

111.1250, -16.0490, 10.0230



Tritanopia

110.4280, -4.0810, 2.3750

Trichromacy



Original Color

112.1800, -8.7140, 14.7580

Protanomaly

111.4780, -15.5450, 11.9030

Deuteranomaly

111.7340, -13.3900, 11.3940

Tritanomaly

110.9920, -5.5490, 6.9550

Monochromacy



Original Color

112.1800, -8.7140, 14.7580

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7210, -3.3480, 5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.1800, -8.7140, 14.7580 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(113, 105, 147)` looks like.

```
.text, #text, p{  
    color:rgb(113, 105, 147)  
}
```

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(113, 105, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 105, 147) }
```

Border

The CSS property to change the border of an element to YIQ 112.1800, -8.7140, 14.7580 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(113, 105, 147) }
```


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

```
.border{ border-color:rgb(113, 105, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 105, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 105, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 105, 147);  
box-shadow:4px 4px 4px 4px rgb(113, 105,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 112.1800, -8.7140, 14.7580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 105, 147) }
```

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

```
.background{ background-color: rgb(113,  
105, 147) }
```

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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