

Converting Colors

YIQ(53.8140, 12.2740, 74.9460)

Have a look what the booklet for
YIQ(53.8140, 12.2740, 74.9460)
contains.

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Color

**YIQ(53.8140, 12.2740,
74.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	7002A8
RGB	112, 2, 168
RGB Percent	44%, 1%, 66%
CMY	0.5604, 0.9923, 0.3413
CMYK	0.33, 0.99, 0.00, 0.34
HSL	280°, 98%, 33%
HSV	280°, 99%, 66%
XYZ	13.7811, 6.3197, 37.5293
YIQ	53.8140, 12.2740, 74.9460

Conversions

Conversions Part 2

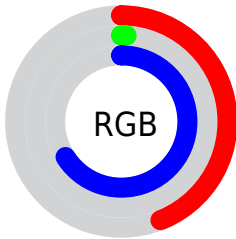
Format	Color
R_{YB}	112, 2, 168
Decimal	7340712
CIE _{Lab}	30.21, 63.52, -60.56
CIE _{LCh}	30, 87.762, 316.363
Yxy	6.3197, 0.2391, 0.1097
Android (android.graphics.Color)	4285530792 (0xFF7002A8)
YUV	53.8140, 56.2937, 51.0291
Hunter-Lab	25.1390, 53.8603, -70.9153

Details

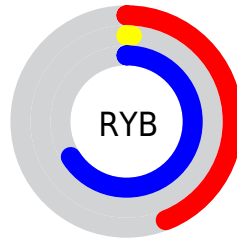
The YIQ color **53.8140, 12.2740, 74.9460** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **116.1860, -12.2740, -74.9460**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.9180, 8.7450, 67.3130**, and **29.2560, -4.7310, 47.2130** is the 20% darker color. If you saturate the color by 10%, you get **52.3410, 12.2280, 75.7800**, and if you desaturate by 10%, it is **65.5870, 11.1750, 67.3270**.

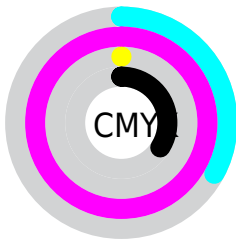
Distribution



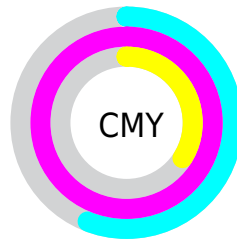
- Red (44%)
- Green (1%)
- Blue (66%)



- Red (44%)
- Yellow (1%)
- Blue (66%)



- Cyan (33%)
- Magenta (99%)
- Yellow (0%)
- Black (34%)



- Cyan (56%)
- Magenta (99%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.8140, 12.2740, 74.9460 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 53.8140, 12.2740, 74.9460 by changing the saturation by 10% instead.

■ 53.8140, 12.2740,
74.9460

■ 53.8140, 12.2740,
74.9460

■ 255.0000, -0.0000,
-0.0000

■ 41.1900, 4.8030,
61.6590

■ 118.9180, 8.7450,
67.3130

■ 29.2560, -4.7310,
47.2130

■ 147.0430, 9.8910,
68.5710

■ 18.2190, -12.4770,
33.4030

■ 172.3780, 18.8330,
60.6970

■ 7.4100, -20.8650,
20.2150

■ 196.3000, 27.5000,
52.3000

■ 6.5490, -14.3070,
11.4930

■ 213.3230, 19.5250,
37.1330


■ 2.8670, -6.6950,
5.6970


■ 229.7590, 11.8250,


■ 0.0000, 0.0000,


22.4890


0.0000


 247.3690, 3.5750,
6.7990

 53.8140, 12.2740,
74.9460

 53.8140, 12.2740,
74.9460

 52.3410, 12.2280,
75.7800

 65.5870, 11.1750,
67.3270

 77.0610, 9.4800,
59.4960

 88.2470, 8.6560,
52.4000

 100.0200, 7.5570,
44.7810

 111.4940, 5.8620,
36.9500

■ 123.2670, 4.7630,
29.3310

■ 135.0400, 3.6640,
21.7120

■ 145.9270, 2.2440,
14.4040

■ 157.7000, 1.1450,
6.7850

Harmonies

Analogous

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



64.6880, -85.6970, 27.7670



53.8140, 12.2740, 74.9460



62.8000, 67.6150, 68.6950

Triad

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



53.8140, 12.2740, 74.9460



67.2460, 51.6730, -5.8550



68.0770, -60.7930, -16.0970

Complementary

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



53.8140, 12.2740, 74.9460



116.1860, -12.2740, -74.9460

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.



58.6950, -37.1310, -37.4430



53.8140, 12.2740, 74.9460



62.2090, 8.3960, -31.0280

Square

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



53.8140, 12.2740, 74.9460



46.6440, 92.9760, 33.0720



52.2430, -24.4750, -46.5470



75.3730, -81.3370, 3.8070

Rectangle

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



53.8140, 12.2740, 74.9460



60.7740, 87.6990, 57.1310



52.2430, -24.4750, -46.5470



64.8680, -53.1350, -22.7270

Sweetspot

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



53.8140, 12.2740, 74.9460



174.2670, 4.7630, 29.3310



54.9700, -69.2360, 21.2920



82.3340, 2.6560, 17.9520



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



53.8140, 12.2740, 74.9460



68.3210, 16.1210, 98.8490



67.7080, 53.6750, 79.0430



78.4070, 0.4120, 3.5480



46.1740, 10.9000, 66.8040



6.4660, 1.9240, 9.1880

Inverse Universe

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



58.0180, 80.9600, 52.6080



73.9170, 106.7700, 69.4420



102.2920, -53.6750, -79.0430



78.7340, 3.8050, 2.6290



49.9520, 72.1580, 46.9260



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 53.8140, 12.2740, 74.9460 looks on a white background.

Color Contrast Check

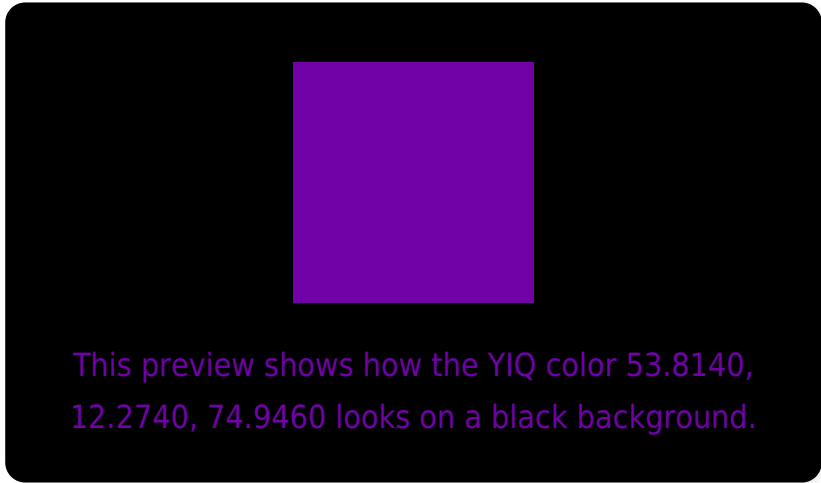
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

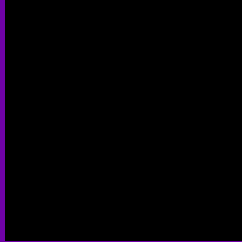
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.8140, 12.2740, 74.9460

Background



This preview shows how black text looks on a background with the YIQ color 53.8140, 12.2740, 74.9460.



This preview shows how white text looks on a background with the YIQ color 53.8140, 12.2740,

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

53.8140, 12.2740, 74.9460

Protanopia

58.7770, -67.6750, 9.5170

Deuteranopia

59.4320, -62.6300, 0.6820



Tritanopia

74.9420, 15.0830, 7.4910

Trichromacy



Original Color

53.8140, 12.2740, 74.9460

Protanomaly

57.1590, -38.6110, 33.4610

Deuteranomaly

57.4380, -35.2630, 27.8490

Tritanomaly

67.5240, 14.3450, 31.8890

Monochromacy



Original Color

53.8140, 12.2740, 74.9460

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.8000, 4.5800, 27.1400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.8140, 12.2740, 74.9460 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(112, 2, 168)` looks like.

```
.text, #text, p{  
    color:rgb(112, 2, 168)  
}
```

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(112, 2, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 2, 168) }
```

Border

The CSS property to change the border of an element to YIQ 53.8140, 12.2740, 74.9460 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(112, 2, 168) }
```


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

```
.border{ border-color:rgb(112, 2, 168) }
```

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

Here you see how a box with a 4 pixel rgb(112, 2, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 2, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 2, 168);  
box-shadow:4px 4px 4px 4px rgb(112, 2,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 53.8140, 12.2740, 74.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 2, 168) }
```

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

```
.background{ background-color: rgb(112, 2,  
168) }
```

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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