

Converting Colors

YIQ(54.1630, 18.6010, 75.9210)

Have a look what the booklet for
YIQ(54.1630, 18.6010, 75.9210)
contains.

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Color

**YIQ(54.1630, 18.6010,
75.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	7700A3
RGB	119, 0, 163
RGB Percent	47%, 0%, 64%
CMY	0.5329, 1.0000, 0.3608
CMYK	0.27, 1.00, 0.00, 0.36
HSL	284°, 100%, 32%
HSV	284°, 100%, 64%
XYZ	14.2309, 6.5727, 35.1627
YIQ	54.1630, 18.6010, 75.9210

Conversions

Conversions Part 2

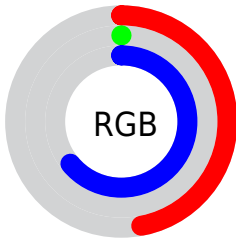
Format	Color
R_{YB}	119, 0, 163
Decimal	7798947
CIE _{Lab}	30.81, 63.72, -56.50
CIE _{LCh}	31, 85.162, 318.435
Yxy	6.5727, 0.2543, 0.1174
Android (android.graphics.Color)	4285989027 (0xFF7700A3)
YUV	54.1630, 53.6566, 56.8620
Hunter-Lab	25.6374, 54.2170, -63.3724

Details

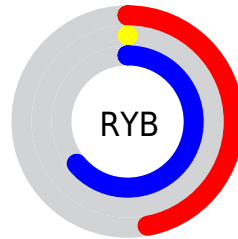
The YIQ color **54.1630, 18.6010, 75.9210** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **108.8370, -18.6010, -75.9210**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4410, 14.5220, 67.2420**, and **31.3770, 2.2380, 47.5660** is the 20% darker color. If you saturate the color by 10%, you get **54.1630, 18.6010, 75.9210**, and if you desaturate by 10%, it is **64.7510, 16.5850, 68.4010**.

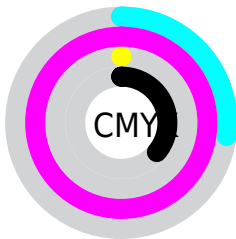
Distribution



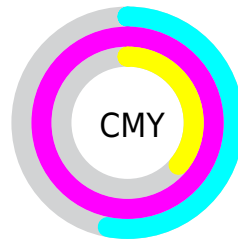
- Red (47%)
- Green (0%)
- Blue (64%)



- Red (47%)
- Yellow (0%)
- Blue (64%)



- Cyan (27%)
- Magenta (100%)
- Yellow (0%)
- Black (36%)



- Cyan (53%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.1630, 18.6010, 75.9210 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 54.1630, 18.6010, 75.9210 by changing the saturation by 10% instead.

■ 54.1630, 18.6010,
75.9210

■ 54.1630, 18.6010,
75.9210

■ 255.0000, -0.0000,
-0.0000

■ 42.7130, 10.5800,
61.5880

■ 120.4410, 14.5220,
67.2420

■ 31.3770, 2.2380,
47.5660

■ 148.8540, 14.7970,
67.7650

■ 20.7530, -5.2330,
34.2790

■ 174.4710, 23.0050,
62.1810

■ 6.9540, -19.5810,
18.9710

■ 196.8870, 27.2250,
51.7770

■ 5.5060, -12.7480,
10.7720

■ 213.9100, 19.2500,
36.6100

■ 2.1830, -4.7690,
3.8310

■ 230.3460, 11.5500,

■ 0.0000, 0.0000,

21.9660

0.0000

247.9560, 3.3000,
6.2760

54.1630, 18.6010,
75.9210

64.7510, 16.5850,
68.4010

76.2250, 14.8900,
60.5700

86.8130, 12.8740,
53.0500

97.7000, 11.4540,
45.7420

108.2880, 9.4380,
38.2220

■ 119.4630, 7.1470,
30.1790

■ 130.3500, 5.7270,
22.8710

■ 140.9380, 3.7110,
15.3510

■ 152.4120, 2.0160,
7.5200

Harmonies

Analogous

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



63.6450, -84.1380, 27.0460



54.1630, 18.6010, 75.9210



62.6430, 69.4950, 67.6630

Triad

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



54.1630, 18.6010, 75.9210



68.6970, 48.7850, -8.5830



69.3480, -62.9940, -14.7540

Complementary

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



54.1630, 18.6010, 75.9210



108.8370, -18.6010, -75.9210

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.



60.0800, -39.6530, -35.7890



54.1630, 18.6010, 75.9210



62.7850, 6.6540, -32.4980

Square

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



54.1630, 18.6010, 75.9210



46.0460, 91.7840, 32.6480



53.4170, -25.0250, -47.5930



76.1880, -82.2540, 3.9060

Rectangle

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



54.1630, 18.6010, 75.9210



60.4320, 88.6620, 56.1980



53.4170, -25.0250, -47.5930



66.7260, -55.6110, -21.9070

Sweetspot

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



54.1630, 18.6010, 75.9210



169.3490, 7.4680, 29.8680



45.5840, -64.9730, 26.6350



81.7040, 4.4900, 17.7540



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



54.1630, 18.6010, 75.9210



70.5130, 24.3280, 98.7920



63.3290, 56.0600, 74.3640



75.8200, 0.6870, 4.0710



48.2240, 16.6310, 67.5670



5.9390, 1.9700, 8.3540

Inverse Universe

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



53.7530, 83.0240, 48.2400



69.8860, 108.0550, 62.6710



99.6710, -56.0600, -74.3640



76.0330, 4.4010, 2.8410



47.8010, 73.9010, 42.8690



5.9520, 9.1230, 5.3710

Previews

White Background



This preview shows how the YIQ color 54.1630, 18.6010, 75.9210 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

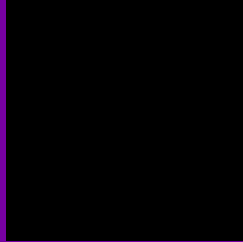
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.1630, 18.6010, 75.9210

Background



This preview shows how black text looks on a background with the YIQ color 54.1630, 18.6010, 75.9210.



This preview shows how white text looks on a background with the YIQ color 54.1630, 18.6010,

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

54.1630, 18.6010, 75.9210

Protanopia

60.2930, -69.1880, 9.4040

Deuteranopia

60.3610, -63.8680, 1.0920



Tritanopia

76.5300, 22.2350, 10.0350

Trichromacy



Original Color

54.1630, 18.6010, 75.9210

Protanomaly

57.7570, -37.4190, 33.8850

Deuteranomaly

58.0360, -34.0710, 28.2730

Tritanomaly

68.4000, 20.6260, 33.6980

Monochromacy



Original Color

54.1630, 18.6010, 75.9210

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9960, 6.9640, 27.9880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.1630, 18.6010, 75.9210 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(119, 0, 163)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 163)  
}
```

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(119, 0, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 163) }
```

Border

The CSS property to change the border of an element to YIQ 54.1630, 18.6010, 75.9210 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(119, 0, 163) }
```


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

```
.border{ border-color:rgb(119, 0, 163) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 163);  
box-shadow:4px 4px 4px 4px rgb(119, 0,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 54.1630, 18.6010, 75.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 163) }
```

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

```
.background{ background-color: rgb(119, 0,  
163) }
```

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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