

Converting Colors

YIQ(53.7490, 18.9260, 53.5020)

Have a look what the booklet for
YIQ(53.7490, 18.9260, 53.5020)
contains.

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Color

**YIQ(53.7490, 18.9260,
53.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	690E7C
RGB	105, 14, 124
RGB Percent	41%, 5%, 49%
CMY	0.5879, 0.9452, 0.5137
CMYK	0.15, 0.89, 0.00, 0.51
HSL	290°, 80%, 27%
HSV	290°, 89%, 49%
XYZ	9.6287, 4.7759, 19.4823
YIQ	53.7490, 18.9260, 53.5020

Conversions

Conversions Part 2

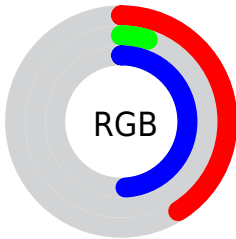
Format	Color
R_{YB}	105, 14, 124
Decimal	6884988
CIE _{Lab}	26.09, 51.68, -40.14
CIE _{LCh}	26, 65.433, 322.164
Yxy	4.7759, 0.2841, 0.1409
Android (android.graphics.Color)	4285075068 (0xFF690E7C)
YUV	53.7490, 34.6337, 44.9471
Hunter-Lab	21.8538, 40.4022, -37.5583

Details

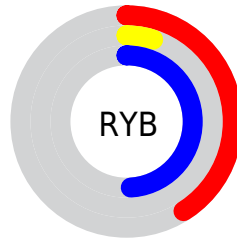
The YIQ color **53.7490, 18.9260, 53.5020** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **84.2510, -18.9260, -53.5020**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **110.8690, 18.4680, 50.7880**, and **24.2830, 7.8340, 34.2500** is the 20% darker color. If you saturate the color by 10%, you get **46.1070, 21.0340, 59.3540**, and if you desaturate by 10%, it is **61.3910, 16.8180, 47.6500**.

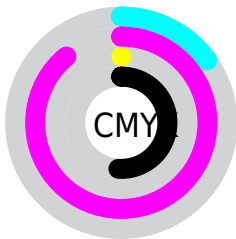
Distribution



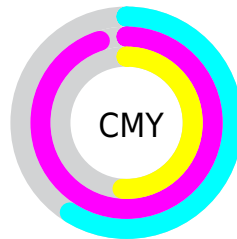
- Red (41%)
- Green (5%)
- Blue (49%)



- Red (41%)
- Yellow (5%)
- Blue (49%)



- Cyan (15%)
- Magenta (89%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (95%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7490, 18.9260, 53.5020 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 53.7490, 18.9260, 53.5020 by changing the saturation by 10% instead.

■ 53.7490, 18.9260,
53.5020

■ 53.7490, 18.9260,
53.5020

■ 255.0000, -0.0000,
-0.0000

■ 34.9070, 15.3050,
47.5370

■ 110.8690, 18.4680,
50.7880

■ 24.2830, 7.8340,
34.2500

■ 137.6950, 19.0180,
51.8340

■ 14.4850, 0.9130,
22.0090

■ 165.4070, 19.8890,
52.5690

■ 4.4800, -9.8590,
7.9730


■ 192.4350, 22.6860,
51.4380


■ 0.0000, 0.0000,
0.0000


■ 211.5620, 20.3500,
38.7020


■ 227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 53.7490, 18.9260,
53.5020


 53.7490, 18.9260,
53.5020


 46.1070, 21.0340,
59.3540


 61.3910, 16.8180,
47.6500

 44.9330, 21.5840,
60.4000

 69.6200, 14.4350,
41.2750

 77.2620, 12.3270,
35.4230

 85.7900, 10.5400,
29.2600

 93.4320, 8.4320,
23.4080

■ 101.0740, 6.3240,
17.5560

■ 109.3030, 3.9410,
11.1810

■ 116.9450, 1.8330,
5.3290

■ 125.1740, -0.5500,
-1.0460

Harmonies

Analogous

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



50.0690, -65.2010, 19.7510



53.7490, 18.9260, 53.5020



50.3390, 58.1270, 53.4150

Triad

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



53.7490, 18.9260, 53.5020



58.5970, 37.3230, -10.1090



58.7190, -53.7330, -11.8850

Complementary

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



53.7490, 18.9260, 53.5020



84.2510, -18.9260, -53.5020

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.



52.3180, -37.0870, -27.2230



53.7490, 18.9260, 53.5020



53.0500, 4.5900, -28.1300

Square

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



53.7490, 18.9260, 53.5020



51.1530, 65.8370, 12.7890



45.1990, -21.1750, -40.2710



63.0340, -67.2610, 2.0110

Rectangle

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



53.7490, 18.9260, 53.5020



48.1860, 71.3790, 44.5230



45.1990, -21.1750, -40.2710



56.8950, -48.5970, -16.8610

Sweetspot

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



53.7490, 18.9260, 53.5020



132.7800, 7.3320, 21.3160



38.2800, -40.8100, 23.7500



64.6560, 4.4450, 13.0610



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.



53.7490, 18.9260, 53.5020



58.1210, 27.5870, 78.2670



55.4400, 41.4850, 46.6450



57.1790, 1.0540, 2.9260



45.0470, 21.2630, 60.7110



91.2190, 43.6720, 122.6800

Inverse Universe

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



49.0560, 59.4610, 29.2290



51.3310, 86.9680, 42.8400



82.5600, -41.4850, -46.6450



56.9080, 3.2550, 1.5830



39.7690, 67.7590, 33.0310



80.2500, 136.3890, 66.7970

Previews

White Background



This preview shows how the YIQ color 53.7490, 18.9260, 53.5020 looks on a white background.

Color Contrast Check

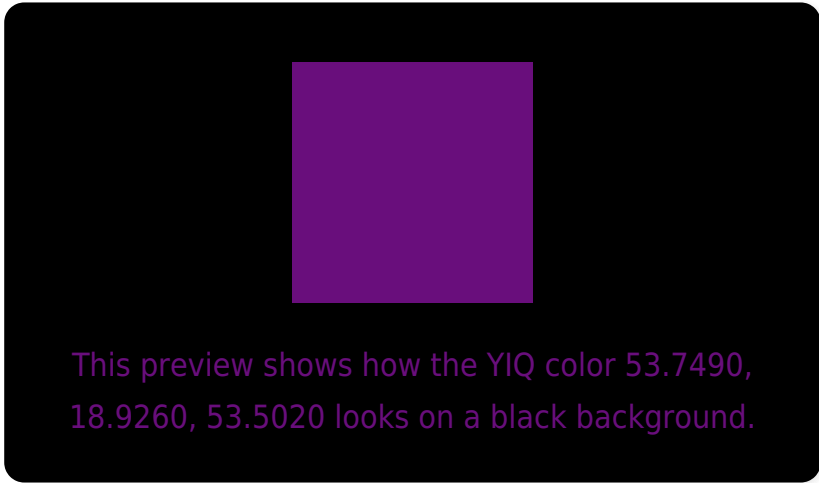
Large Text (above 18pt) WCAG AA ✓ Pass

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

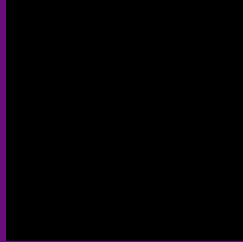
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7490, 18.9260, 53.5020

Background



This preview shows how black text looks on a background with the YIQ color 53.7490, 18.9260, 53.5020.



This preview shows how white text looks on a background with the YIQ color 53.7490, 18.9260,

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

53.7490, 18.9260, 53.5020

Protanopia

51.2140, -58.7800, 8.0040

Deuteranopia

51.2650, -54.7900, 1.7700



Tritanopia

64.0960, 26.4530, 10.6850

Trichromacy



Original Color

53.7490, 18.9260, 53.5020

Protanomaly

52.3690, -30.8150, 24.3290

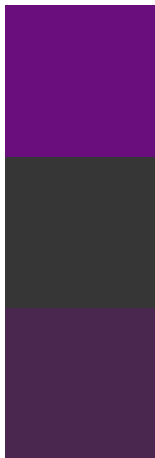
Deuteranomaly

51.8160, -27.8800, 20.6960

Tritanomaly

60.3260, 23.4700, 26.2060

Monochromacy



Original Color

53.7490, 18.9260, 53.5020

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.7260, 7.4240, 19.6480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7490, 18.9260, 53.5020 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(105, 14, 124)` looks like.

```
.text, #text, p{  
    color:rgb(105, 14, 124)  
}
```

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(105, 14, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 14, 124) }
```

Border

The CSS property to change the border of an element to YIQ 53.7490, 18.9260, 53.5020 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(105, 14, 124) }
```


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

```
.border{ border-color:rgb(105, 14, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 14, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 14, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 14, 124);  
box-shadow:4px 4px 4px 4px rgb(105, 14,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 53.7490, 18.9260, 53.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 14, 124) }
```

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

```
.background{ background-color: rgb(105, 14,  
124) }
```

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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