

Converting Colors

YIQ(94.2520, 9.1190, 27.4790)

Have a look what the booklet for
YIQ(94.2520, 9.1190, 27.4790)
contains.

YIQ(94.2520, 9.1190, 27.4790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.2520, 9.1190,
27.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	784A83
RGB	120, 74, 131
RGB Percent	47%, 29%, 51%
CMY	0.5293, 0.7099, 0.4863
CMYK	0.08, 0.44, 0.00, 0.49
HSL	288°, 28%, 40%
HSV	288°, 44%, 51%
XYZ	14.2950, 10.5293, 22.7509
YIQ	94.2520, 9.1190, 27.4790

Conversions

Conversions Part 2

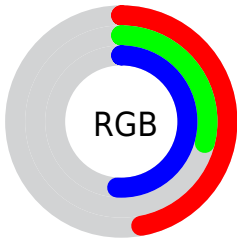
Format	Color
R_{YB}	120, 74, 131
Decimal	7883395
CIE _{Lab}	38.78, 29.80, -24.24
CIE _{LCh}	39, 38.409, 320.872
Yxy	10.5293, 0.3005, 0.2213
Android (android.graphics.Color)	4286073475 (0xFF784A83)
YUV	94.2520, 18.1168, 22.5810
Hunter-Lab	32.4490, 21.8501, -18.8557

Details

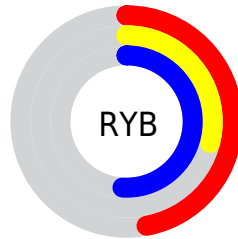
The YIQ color **94.2520, 9.1190, 27.4790** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **110.7480, -9.1190, -27.4790**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4910, 9.9440, 29.0480**, and **46.0130, 8.2940, 25.9100** is the 20% darker color. If you saturate the color by 10%, you get **86.0230, 11.5020, 33.8540**, and if you desaturate by 10%, it is **102.7800, 7.3320, 21.3160**.

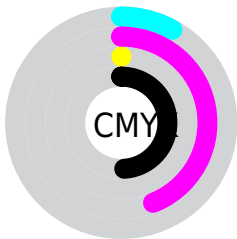
Distribution



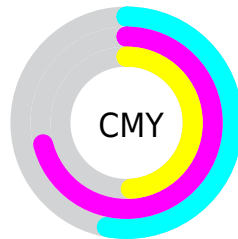
- Red (47%)
- Green (29%)
- Blue (51%)



- Red (47%)
- Yellow (29%)
- Blue (51%)



- Cyan (8%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.2520, 9.1190, 27.4790 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 94.2520, 9.1190, 27.4790 by changing the saturation by 10% instead.

■ 94.2520, 9.1190,
27.4790

■ 94.2520, 9.1190,
27.4790

■ 255.0000, -0.0000,
-0.0000

■ 69.8390, 8.8440,
26.9560

■ 145.4910, 9.9440,
29.0480

■ 46.0130, 8.2940,
25.9100

■ 172.3170, 10.4940,
30.0940

■ 22.7140, 7.6980,
25.6980

■ 200.0290, 11.3650,
30.8290

■ 12.1770, 4.5360,
16.9200

■ 225.6500, 13.7500,
26.1500

■ 1.3680, -3.8520,
3.7320

■ 242.0860, 6.0500,
11.5060

■ 0.0000, 0.0000,
0.0000

■ 94.2520, 9.1190,
27.4790

■ 94.2520, 9.1190,
27.4790

■ 86.0230, 11.5020,
33.8540

■ 102.7800, 7.3320,
21.3160

■ 77.4950, 13.2890,
40.0170

■ 111.0090, 4.9490,
14.9410

■ 68.9670, 15.0760,
46.1800

■ 119.5370, 3.1620,
8.7780

■ 60.7380, 17.4590,
52.5550

■ 127.7660, 0.7790,
2.4030

■ 51.6230, 19.5210,
59.2410

■ 136.2940, -1.0080,
-3.7600

■ 46.6280, 21.1250,
63.2130

■ 145.1100, -3.6660,
-10.6580

■ 153.6380, -5.4530,
-16.8210

■ 161.8670, -7.8360,

-23.1960

■ 170.3950, -9.6230,
-29.3590

Harmonies

Analogous

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



90.8930, -26.7790, 17.2610



94.2520, 9.1190, 27.4790



91.9530, 34.8860, 28.5660

Triad

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



94.2520, 9.1190, 27.4790



88.1300, 37.1400, -12.3000



75.1040, -65.4230, -20.2950

Complementary

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



94.2520, 9.1190, 27.4790



110.7480, -9.1190, -27.4790

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.



71.3420, -54.8300, -30.5580



94.2520, 9.1190, 27.4790



85.6710, 16.1430, -22.7450

Square

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



94.2520, 9.1190, 27.4790



89.7160, 47.7740, 4.2380



80.8120, -15.1710, -27.9310



76.8940, -73.2190, -11.1630

Rectangle

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



94.2520, 9.1190, 27.4790



90.7660, 45.4780, 23.8300



80.8120, -15.1710, -27.9310



74.4370, -62.1670, -24.2390

Sweetspot

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



94.2520, 9.1190, 27.4790



156.8900, 3.6660, 10.6580



86.9550, -21.3220, 11.9740



77.8850, 2.0620, 6.6860



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



94.2520, 9.1190, 27.4790



113.6740, 14.3430, 42.9430



95.6030, 21.1320, 24.5240



62.1790, 1.0540, 2.9260



46.2150, 20.8500, 62.6900



0.9400, 0.2290, 1.3570

Inverse Universe

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



92.2970, 30.4410, 15.5050



110.5490, 47.5870, 24.1550



109.3970, -21.1320, -24.5240



61.9080, 3.2550, 1.5830



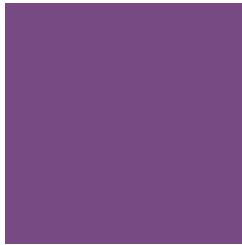
41.7200, 69.4550, 35.3350



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 94.2520, 9.1190, 27.4790 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 94.2520, 9.1190, 27.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

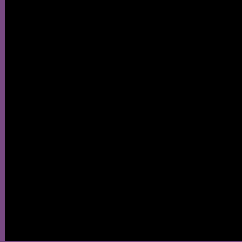
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.2520, 9.1190, 27.4790

Background



This preview shows how black text looks on a background with the YIQ color 94.2520, 9.1190, 27.4790.



This preview shows how white text looks on a background with the YIQ color 94.2520, 9.1190,

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

94.2520, 9.1190, 27.4790

Protanopia

90.4750, -28.6580, 12.7660

Deuteranopia

91.6300, -19.0290, 8.9630



Tritanopia

93.0670, 16.2290, 8.7490

Trichromacy



Original Color

94.2520, 9.1190, 27.4790

Protanomaly

91.7650, -14.6750, 18.1650

Deuteranomaly

92.7070, -8.7600, 15.5920

Tritanomaly

93.6140, 13.4310, 15.4070

Monochromacy



Original Color

94.2520, 9.1190, 27.4790

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0640, 3.1160, 9.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.2520, 9.1190, 27.4790 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, 74, 131)` looks like.

```
.text, #text, p{  
    color:rgb(120, 74, 131)  
}
```

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, 74, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 74, 131) }
```

Border

The CSS property to change the border of an element to YIQ 94.2520, 9.1190, 27.4790 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, 74, 131) }
```


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

```
.border{ border-color:rgb(120, 74, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 74, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 74, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 74, 131);  
box-shadow:4px 4px 4px 4px rgb(120, 74,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 94.2520, 9.1190, 27.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 74, 131) }
```

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

```
.background{ background-color: rgb(120, 74,  
131) }
```

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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