

Converting Colors

YIQ(93.2490, 22.3690, 29.6410)

Have a look what the booklet for
YIQ(93.2490, 22.3690, 29.6410)
contains.

| | |
|--|----|
| YIQ(93.2490, 22.3690, 29.6410) | 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(93.2490, 22.3690,
29.6410)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 854477 |
| RGB | 133, 68, 119 |
| RGB Percent | 52%, 27%, 47% |
| CMY | 0.4782, 0.7334, 0.5333 |
| CMYK | 0.00, 0.49, 0.11, 0.48 |
| HSL | 313°, 32%, 39% |
| HSV | 313°, 49%, 52% |
| XYZ | 15.0764, 10.4536, 18.6799 |
| YIQ | 93.2490, 22.3690, 29.6410 |

Conversions

Conversions Part 2

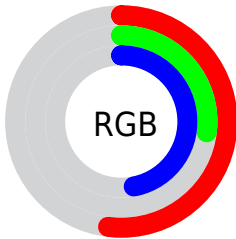
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 133, 68, 119 |
| Decimal | 8733815 |
| CIE _{Lab} | 38.64, 35.12, -16.92 |
| CIE _{LCh} | 39, 38.984, 334.283 |
| Yxy | 10.4536, 0.3410, 0.2365 |
| Android (android.graphics.Color) | 4286923895 (0xFF854477) |
| YUV | 93.2490, 12.6952, 34.8616 |
| Hunter-Lab | 32.3320, 26.6534, -11.6225 |

Details

The YIQ color **93.2490, 22.3690, 29.6410** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.7510, -22.3690, -29.6410**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.9720, 24.7070, 31.3230**, and **43.3520, 20.5810, 29.0050** is the 20% darker color. If you saturate the color by 10%, you get **85.2760, 26.9070, 35.5070**, and if you desaturate by 10%, it is **101.2220, 17.8310, 23.7750**.

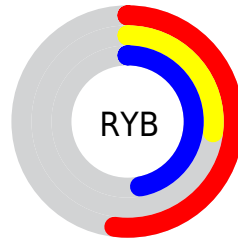
Distribution



Red (52%)

Green (27%)

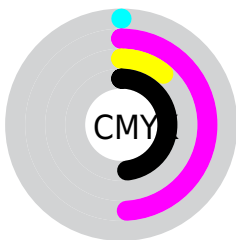
Blue (47%)



Red (52%)

Yellow (27%)

Blue (47%)

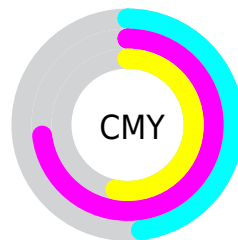


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (48%)



Cyan (48%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.2490, 22.3690, 29.6410 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 93.2490, 22.3690, 29.6410 by changing the saturation by 10% instead.

93.2490, 22.3690,
29.6410

93.2490, 22.3690,
29.6410

255.0000, -0.0000,
-0.0000

68.5370, 21.4980,
28.9060

144.9720, 24.7070,
31.3230

43.3520, 20.5810,
29.0050

172.3850, 24.9820,
31.8460

22.5150, 18.5640,
27.0120

200.0970, 25.8530,
32.5810

14.1410, 13.3850,
16.2410

222.1280, 15.4000,
29.2880

0.0000, 0.0000,
0.0000

239.1510, 7.4250,
14.1210

93.2490, 22.3690,
29.6410

93.2490, 22.3690,
29.6410

85.2760, 26.9070,
35.5070

101.2220, 17.8310,
23.7750

76.7160, 31.7200,
41.8960

109.7820, 13.0180,
17.3860

68.7430, 36.2580,
47.7620

117.7550, 8.4800,
11.5200

60.8840, 40.4750,
53.9390

125.6140, 4.2630,
5.3430

52.3240, 45.2880,
60.3280

134.1740, -0.5500,
-1.0460


51.6230, 45.8840,
60.5400

142.1470, -5.0880,
-6.9120

150.1200, -9.6260,
-12.7780

158.0930,

-14.1640, -18.6440

 166.6530,
-18.9770, -25.0330

Harmonies

Analogous

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



93.1510, -9.7700, 22.8860



93.2490, 22.3690, 29.6410



90.6780, 42.9100, 26.3180

Triad

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



93.2490, 22.3690, 29.6410



87.1350, 29.5760, -18.3920



76.5860, -69.5960, -16.2520

Complementary

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



93.2490, 22.3690, 29.6410



107.7510, -22.3690, -29.6410

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.



73.0520, -59.6450, -25.8930



93.2490, 22.3690, 29.6410



83.3320, 3.8560, -25.8400

Square

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



93.2490, 22.3690, 29.6410



89.0050, 45.1620, -3.4940



73.7970, -37.1780, -31.0820



76.1590, -75.2830, -6.7950

Rectangle

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



93.2490, 22.3690, 29.6410



89.4580, 49.1010, 18.7410



73.7970, -37.1780, -31.0820



75.4460, -66.3860, -19.3620

Sweetspot

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



93.2490, 22.3690, 29.6410



157.1680, 8.7550, 12.0430



79.2970, -13.1170, 22.9710



77.1520, 5.6840, 7.1240



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.



93.2490, 22.3690, 29.6410



110.6180, 35.1120, 46.5040



89.6010, 32.6410, 19.6890



62.3640, 1.9710, 2.8270



50.4980, 44.7380, 59.2820



1.1250, 1.1460, 1.2580

Inverse Universe

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



93.2490, 22.3690, 29.6410



110.6180, 35.1120, 46.5040



111.3990, -32.6410, -19.6890



62.3640, 1.9710, 2.8270



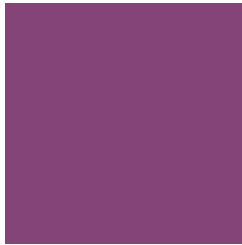
50.4980, 44.7380, 59.2820



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 93.2490, 22.3690, 29.6410 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

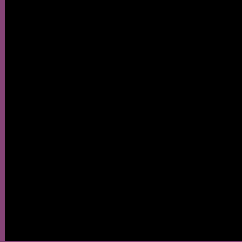
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.2490, 22.3690, 29.6410

Background



This preview shows how black text looks on a background with the YIQ color 93.2490, 22.3690, 29.6410.



This preview shows how white text looks on a background with the YIQ color 93.2490, 22.3690,

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

93.2490, 22.3690, 29.6410

Protanopia

91.0580, -23.1100, 11.3380

Deuteranopia

92.2520, -9.2170, 7.3510



Tritanopia

92.5310, 29.6620, 13.1020

Trichromacy



Original Color

93.2490, 22.3690, 29.6410

Protanomaly

91.9570, -6.4680, 18.1080

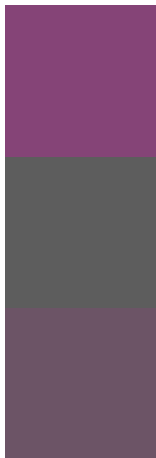
Deuteranomaly

92.4540, 2.1980, 15.2380

Tritanomaly

92.5510, 26.9100, 18.9260

Monochromacy



Original Color

93.2490, 22.3690, 29.6410

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

93.2280, 8.5260, 10.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.2490, 22.3690, 29.6410 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(133, 68, 119)` looks like.

```
.text, #text, p{  
    color:rgb(133, 68, 119)  
}
```

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(133, 68, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 68, 119) }
```

Border

The CSS property to change the border of an element to YIQ 93.2490, 22.3690, 29.6410 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(133, 68, 119) }
```


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

```
.border{ border-color:rgb(133, 68, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 68, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 68, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 68, 119);  
box-shadow:4px 4px 4px 4px rgb(133, 68,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 93.2490, 22.3690, 29.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 68, 119) }
```

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

```
.background{ background-color: rgb(133, 68,  
119) }
```

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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