

Converting Colors

YIQ(120.4190, 10.4470, 36.4550)

Have a look what the booklet for
YIQ(120.4190, 10.4470, 36.4550)
contains.

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Color

**YIQ(120.4190, 10.4470,
36.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	995EAB
RGB	153, 94, 171
RGB Percent	60%, 37%, 67%
CMY	0.3998, 0.6315, 0.3294
CMYK	0.10, 0.45, 0.00, 0.33
HSL	286°, 31%, 52%
HSV	286°, 45%, 67%
XYZ	24.4967, 17.7181, 40.6546
YIQ	120.4190, 10.4470, 36.4550

Conversions

Conversions Part 2

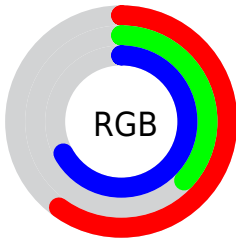
Format	Color
R_{YB}	153, 94, 171
Decimal	10051243
CIE _{Lab}	49.15, 37.37, -31.69
CIE _{LCh}	49, 48.991, 319.703
Yxy	17.7181, 0.2956, 0.2138
Android (android.graphics.Color)	4288241323 (0xFF995EAB)
YUV	120.4190, 24.9364, 28.5735
Hunter-Lab	42.0929, 30.2187, -27.7991

Details

The YIQ color **120.4190, 10.4470, 36.4550** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **144.5810, -10.4470, -36.4550**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **174.0710, 11.5470, 38.5470**, and **69.7670, 9.3470, 34.3630** is the 20% darker color. If you saturate the color by 10%, you get **109.2440, 12.7380, 44.4980**, and if you desaturate by 10%, it is **131.5940, 8.1560, 28.4120**.

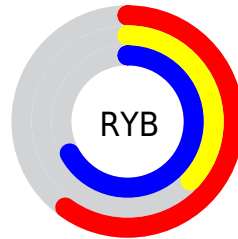
Distribution



Red (60%)

Green (37%)

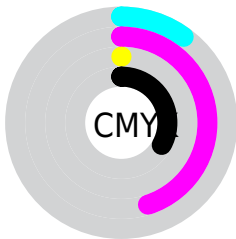
Blue (67%)



Red (60%)

Yellow (37%)

Blue (67%)

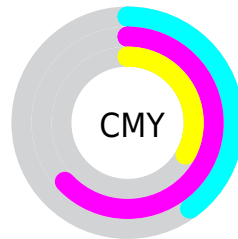


Cyan (10%)

Magenta (45%)

Yellow (0%)

Black (33%)



Cyan (40%)


Magenta (63%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.4190, 10.4470, 36.4550 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 120.4190, 10.4470, 36.4550 by changing the saturation by 10% instead.


 120.4190, 10.4470,
36.4550


 120.4190, 10.4470,
36.4550


255.0000, -0.0000,
-0.0000


 94.5930, 9.8970,
35.4090


 174.0710, 11.5470,
38.5470

 69.7670, 9.3470,
34.3630

 201.4840, 11.8220,
39.0700


 44.7670, 9.3470,
34.3630

 223.3020, 14.8500,
28.2420

 22.8160, 7.6510,
32.0590

 239.7380, 7.1500,
13.5980

 14.6270, 3.3890,
21.1890

 3.4370, -8.3000,
7.2520

 0.0000, 0.0000,

0.0000

■ 120.4190, 10.4470,
36.4550

■ 120.4190, 10.4470,
36.4550

■ 109.2440, 12.7380,
44.4980

■ 131.5940, 8.1560,
28.4120

■ 98.0690, 15.0290,
52.5410

■ 142.7690, 5.8650,
20.3690

■ 86.8940, 17.3200,
60.5840

■ 153.9440, 3.5740,
12.3260

■ 75.7190, 19.6110,
68.6270

■ 165.1190, 1.2830,
4.2830

■ 63.9570, 22.1770,
77.1930

■ 176.2940, -1.0080,
-3.7600

■ 58.6630, 23.1850,
80.9530

■ 188.0560, -3.5740,
-12.3260

■ 199.2310, -5.8650,
-20.3690

■ 210.4060, -8.1560,
-28.4120

■ 221.5810,
-10.4470, -36.4550

Harmonies

Analogous

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



115.1830, -39.1590, 21.3610



120.4190, 10.4470, 36.4550



117.4370, 45.5670, 38.7430

Triad

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



120.4190, 10.4470, 36.4550



113.0250, 50.4370, -16.4990



96.8350, -83.8990, -26.8670

Complementary

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



120.4190, 10.4470, 36.4550



144.5810, -10.4470, -36.4550

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.



91.3460, -69.8210, -39.7170



120.4190, 10.4470, 36.4550



109.2230, 22.9760, -30.9440

Square

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



120.4190, 10.4470, 36.4550



114.2680, 63.7750, 6.1030



102.8620, -18.6080, -37.2320



99.0640, -94.3090, -14.4130

Rectangle

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



120.4190, 10.4470, 36.4550



115.1640, 59.2770, 32.5650



102.8620, -18.6080, -37.2320



95.2390, -79.4050, -31.2210

Sweetspot

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



120.4190, 10.4470, 36.4550



201.7100, 4.3530, 14.7290



113.3440, -29.6670, 14.5330



99.6510, 2.8410, 9.0890



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



120.4190, 10.4470, 36.4550



143.1880, 16.3120, 56.8240



123.4070, 27.9160, 33.7400



81.1190, 1.2830, 4.2830



51.4850, 20.3900, 71.0300



8.0040, 3.3450, 10.9690

Inverse Universe

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



119.0750, 40.1140, 21.9220



141.0720, 62.5320, 34.1480



141.5930, -27.9160, -33.7400



80.9190, 4.7220, 2.5300



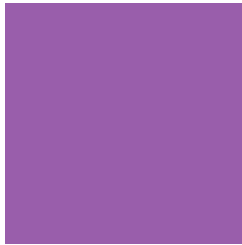
48.8400, 78.1650, 42.6850



7.4470, 12.1030, 6.4310

Previews

White Background



This preview shows how the YIQ color 120.4190, 10.4470, 36.4550 looks on a white background.

Color Contrast Check

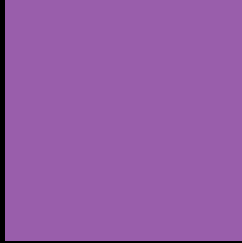
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4190, 10.4470, 36.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

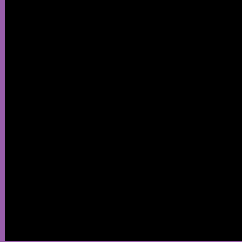
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.4190, 10.4470, 36.4550

Background



This preview shows how black text looks on a background with the YIQ color 120.4190, 10.4470, 36.4550.



This preview shows how white text looks on a background with the YIQ color 120.4190, 10.4470,

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

120.4190, 10.4470, 36.4550

Protanopia

115.3630, -39.8460, 17.2900

Deuteranopia

116.7310, -26.5030, 12.2570



Tritanopia

119.2740, 20.0800, 10.5440

Trichromacy



Original Color

120.4190, 10.4470, 36.4550

Protanomaly

117.0450, -21.0950, 24.3850

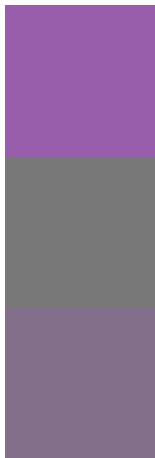
Deuteranomaly

118.1290, -12.7040, 20.9920

Tritanomaly

119.5160, 16.8230, 20.0150

Monochromacy



Original Color

120.4190, 10.4470, 36.4550

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.4710, 3.5280, 13.1600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.4190, 10.4470, 36.4550 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(153, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(153, 94, 171)  
}
```

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(153, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 171) }
```

Border

The CSS property to change the border of an element to YIQ 120.4190, 10.4470, 36.4550 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(153, 94, 171) }
```


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

```
.border{ border-color:rgb(153, 94, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 94, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(153, 94,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 120.4190, 10.4470, 36.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 171) }
```

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

```
.background{ background-color: rgb(153, 94,  
171) }
```

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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