

Converting Colors

YIQ(120.0500, 24.0670, 20.8910)

Have a look what the booklet for
YIQ(120.0500, 24.0670, 20.8910)
contains.

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Color

**YIQ(120.0500, 24.0670,
20.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6481
RGB	156, 100, 129
RGB Percent	61%, 39%, 51%
CMY	0.3881, 0.6079, 0.4940
CMYK	0.00, 0.36, 0.17, 0.39
HSL	329°, 22%, 50%
HSV	329°, 36%, 61%
XYZ	22.2364, 17.7671, 23.0328
YIQ	120.0500, 24.0670, 20.8910

Conversions

Conversions Part 2

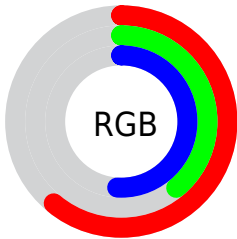
Format	Color
R_{YB}	156, 100, 129
Decimal	10249345
CIE _{Lab}	49.21, 27.00, -6.73
CIE _{LCh}	49, 27.829, 346.000
Yxy	17.7671, 0.3528, 0.2819
Android (android.graphics.Color)	4288439425 (0xFF9C6481)
YUV	120.0500, 4.4124, 31.5282
Hunter-Lab	42.1510, 20.4017, -2.8924

Details

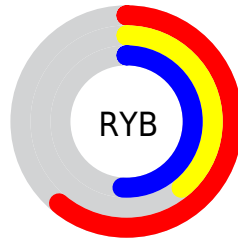
The YIQ color $120.0500, 24.0670, 20.8910$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $135.9500, -24.0670, -20.8910$, and the grayscale version is $120.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $173.0610, 25.5340, 21.8380$, and $70.4410, 21.4080, 19.5200$ is the 20% darker color. If you saturate the color by 10%, you get $109.7460, 31.0350, 26.7710$, and if you desaturate by 10%, it is $130.3540, 17.0990, 15.0110$.

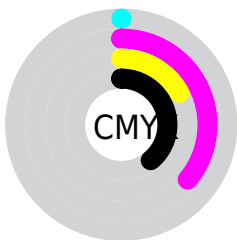
Distribution



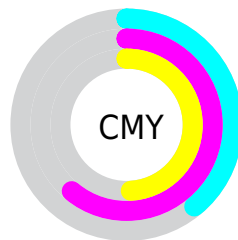
- Red (61%)
- Green (39%)
- Blue (51%)



- Red (61%)
- Yellow (39%)
- Blue (51%)



- Cyan (0%)
- Magenta (36%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.0500, 24.0670, 20.8910 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 120.0500, 24.0670, 20.8910 by changing the saturation by 10% instead.

■ 120.0500, 24.0670,
20.8910

■ 120.0500, 24.0670,
20.8910

■ 255.0000, -0.0000,
-0.0000

■ 94.4520, 22.8750,
20.4670

■ 173.3600, 26.1300,
22.0500

■ 70.4410, 21.4080,
19.5200

■ 200.6590, 26.7260,
22.2620

■ 46.8430, 20.2160,
19.0960

■ 224.2990, 18.9320,
20.3400

■ 23.0710, 19.5740,
19.7180

■ 243.2600, 5.5000,
10.4600

■ 12.0610, 16.3660,
11.7740

■ 0.0000, 0.0000,
0.0000

120.0500, 24.0670,
20.8910

120.0500, 24.0670,
20.8910

109.7460, 31.0350,
26.7710

130.3540, 17.0990,
15.0110

100.1430, 37.4070,
32.4390

139.9570, 10.7270,
9.3430

89.8390, 44.3750,
38.3190

150.2610, 3.7590,
3.4630

80.2360, 50.7470,
43.9870

159.8640, -2.6130,
-2.2050

69.9320, 57.7150,
49.8670

170.1680, -9.5810,
-8.0850

59.7420, 64.3620,
56.0580


180.3580,
-16.2280, -14.2760

55.8780, 66.9750,
58.2630

190.0750,
-22.9210, -19.6330

200.2650,

-29.5680, -25.8240

 209.9820,
-36.2610, -31.1810

Harmonies

Analogous

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



119.9860, 3.7560, 20.0440



120.0500, 24.0670, 20.8910



118.8200, 36.2180, 15.4340

Triad

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



120.0500, 24.0670, 20.8910



114.4140, 15.7290, -15.2390



100.3090, -67.2580, -14.5700

Complementary

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



120.0500, 24.0670, 20.8910



135.9500, -24.0670, -20.8910

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.



100.5840, -58.0870, -21.0870



120.0500, 24.0670, 20.8910



110.6440, -5.5900, -19.8460

Square

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



120.0500, 24.0670, 20.8910



116.2960, 31.0410, -6.3910



106.8290, -31.0360, -21.2440



109.8050, -47.6830, -0.3790

Rectangle

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



120.0500, 24.0670, 20.8910



118.2730, 39.0160, 8.7760



106.8290, -31.0360, -21.2440



98.7170, -68.5870, -18.0190

Sweetspot

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



120.0500, 24.0670, 20.8910



189.8320, 9.5810, 8.0850



114.1580, -2.4800, 22.9280



93.6850, 5.5010, 4.9330



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



120.0500, 24.0670, 20.8910



147.5560, 37.6820, 32.9620



116.9720, 32.7340, 12.4940



73.8480, 3.4840, 2.9400



51.1930, 61.4740, 53.3300



5.3970, 6.3720, 5.6680

Inverse Universe

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



120.0500, 24.0670, 20.8910



147.5560, 37.6820, 32.9620



139.0280, -32.7340, -12.4940



73.8480, 3.4840, 2.9400



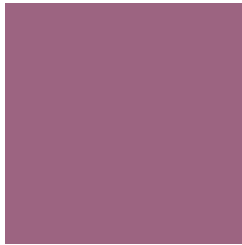
51.1930, 61.4740, 53.3300



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 120.0500, 24.0670, 20.8910 looks on a white background.

Color Contrast Check

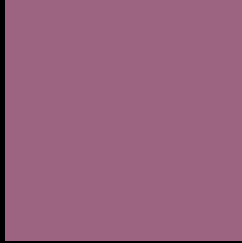
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.0500, 24.0670, 20.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

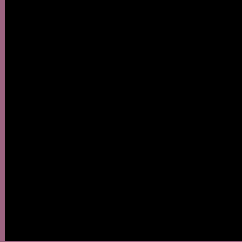
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.0500, 24.0670, 20.8910

Background



This preview shows how black text looks on a background with the YIQ color 120.0500, 24.0670, 20.8910.



This preview shows how white text looks on a background with the YIQ color 120.0500, 24.0670,

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

120.0500, 24.0670, 20.8910

Protanopia

117.8390, -9.4920, 6.8280

Deuteranopia

118.7710, 2.3830, 6.3750



Tritanopia

119.1610, 27.8280, 13.3000

Trichromacy



Original Color

120.0500, 24.0670, 20.8910

Protanomaly

118.6450, 2.9780, 12.1140

Deuteranomaly

119.2390, 9.9930, 11.6330

Tritanomaly

119.6710, 26.4520, 16.2120

Monochromacy



Original Color

120.0500, 24.0670, 20.8910

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1200, 8.7100, 7.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.0500, 24.0670, 20.8910 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(156, 100, 129)` looks like.

```
.text, #text, p{  
    color:rgb(156, 100, 129)  
}
```

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(156, 100, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 100, 129) }
```

Border

The CSS property to change the border of an element to YIQ 120.0500, 24.0670, 20.8910 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(156, 100, 129) }
```


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

```
.border{ border-color:rgb(156, 100, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 100, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 100, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 100, 129);  
box-shadow:4px 4px 4px 4px rgb(156, 100,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 120.0500, 24.0670, 20.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 100, 129) }
```

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

```
.background{ background-color: rgb(156,  
100, 129) }
```

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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