

Converting Colors

YIQ(122.5250, 21.7720, 34.9560)

Have a look what the booklet for
YIQ(122.5250, 21.7720, 34.9560)
contains.

YIQ(122.5250, 21.7720, 34.9560)	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(122.5250, 21.7720,
34.9560)**

Conversions

Conversions Part 1

Format	Color
Hex	A55E9E
RGB	165, 94, 158
RGB Percent	65%, 37%, 62%
CMY	0.3527, 0.6315, 0.3804
CMYK	0.00, 0.43, 0.04, 0.35
HSL	306°, 28%, 51%
HSV	306°, 43%, 65%
XYZ	25.7006, 18.4741, 34.5633
YIQ	122.5250, 21.7720, 34.9560

Conversions

Conversions Part 2

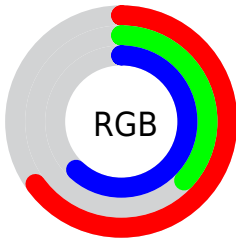
Format	Color
R_{YB}	165, 94, 158
Decimal	10837662
CIE _{Lab}	50.07, 38.56, -22.52
CIE _{LCh}	50, 44.653, 329.707
Yxy	18.4741, 0.3264, 0.2346
Android (android.graphics.Color)	4289027742 (0xFFA55E9E)
YUV	122.5250, 17.4892, 37.2506
Hunter-Lab	42.9815, 31.5154, -17.5906

Details

The YIQ color **122.5250, 21.7720, 34.9560** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.4750, -21.7720, -34.9560**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **176.0630, 23.1930, 36.7370**, and **71.1010, 20.0300, 33.4860** is the 20% darker color. If you saturate the color by 10%, you get **112.3180, 27.0890, 43.2250**, and if you desaturate by 10%, it is **132.1450, 16.7300, 27.2100**.

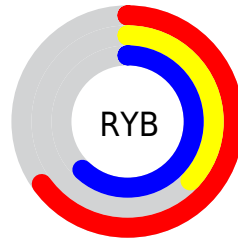
Distribution



Red (65%)

Green (37%)

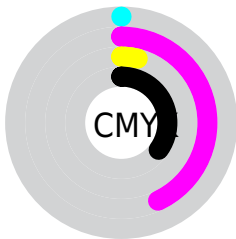
Blue (62%)



Red (65%)

Yellow (37%)

Blue (62%)

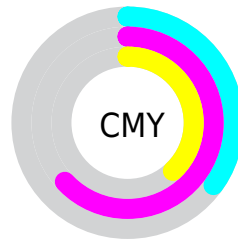


Cyan (0%)

Magenta (43%)

Yellow (4%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.5250, 21.7720, 34.9560 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 122.5250, 21.7720, 34.9560 by changing the saturation by 10% instead.

■ 122.5250, 21.7720,
34.9560

■ 122.5250, 21.7720,
34.9560

■ 255.0000, -0.0000,
-0.0000

■ 96.8130, 20.9010,
34.2210

■ 176.0630, 23.1930,
36.7370

■ 71.1010, 20.0300,
33.4860

■ 203.7750, 24.0640,
37.4720

■ 45.6280, 19.9840,
34.3200

■ 223.3020, 14.8500,
28.2420

■ 24.9650, 17.4170,
31.2810

■ 240.3250, 6.8750,
13.0750

■ 16.4770, 12.5590,
20.1990

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,

0.0000

■ 122.5250, 21.7720,
34.9560

■ 122.5250, 21.7720,
34.9560

■ 112.3180, 27.0890,
43.2250

■ 132.1450, 16.7300,
27.2100

■ 102.8120, 31.8100,
51.2820

■ 142.2380, 11.7340,
18.6300

■ 92.6050, 37.1270,
59.5510

■ 151.8580, 6.6920,
10.8840

■ 82.9850, 42.1690,
67.2970

■ 162.0650, 1.3750,
2.6150

■ 72.8920, 47.1650,
75.8770

■ 172.1580, -3.6210,
-5.9650

■ 66.3210, 50.5110,
81.3190

■ 181.7780, -8.6630,
-13.7110

■ 191.8710,
-13.6590, -22.2910

■ 201.4910,
-18.7010, -30.0370

■ 211.6980,
-24.0180, -38.3060

Harmonies

Analogous

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



120.9530, -17.8400, 25.9680



122.5250, 21.7720, 34.9560



119.6020, 49.2360, 32.8200

Triad

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



122.5250, 21.7720, 34.9560



114.9850, 38.7460, -19.3820



98.2030, -87.7510, -23.1350

Complementary

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



122.5250, 21.7720, 34.9560



136.4750, -21.7720, -34.9560

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.



94.3440, -75.5070, -35.7870



122.5250, 21.7720, 34.9560



111.2200, 9.8630, -30.0810

Square

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



122.5250, 21.7720, 34.9560



117.3330, 55.9820, -1.3460



103.2010, -32.6840, -35.4360



99.0470, -95.6390, -12.3350

Rectangle

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



122.5250, 21.7720, 34.9560



118.5240, 57.9030, 24.4230



103.2010, -32.6840, -35.4360



97.4220, -84.1740, -27.3900

Sweetspot

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



122.5250, 21.7720, 34.9560



197.2220, 8.6630, 13.7110



103.8880, -19.2150, 23.3530



96.7930, 5.3170, 8.2690



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



122.5250, 21.7720, 34.9560



147.5890, 34.0560, 54.6320



118.6490, 32.6860, 24.3820



76.6030, 2.7960, 4.3960



58.2890, 44.3690, 71.4810



7.2060, 5.5920, 8.7920

Inverse Universe

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



122.5250, 21.7720, 34.9560



147.5890, 34.0560, 54.6320



140.3510, -32.6860, -24.3820



76.6030, 2.7960, 4.3960



58.2890, 44.3690, 71.4810



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 122.5250, 21.7720, 34.9560 looks on a white background.

Color Contrast Check

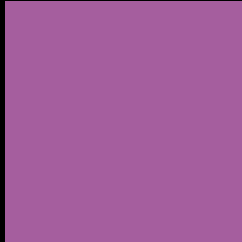
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 122.5250, 21.7720, 34.9560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

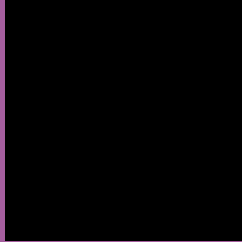
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.5250, 21.7720, 34.9560

Background



This preview shows how black text looks on a background with the YIQ color 122.5250, 21.7720, 34.9560.



This preview shows how white text looks on a background with the YIQ color 122.5250, 21.7720,

34.9560.

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

122.5250, 21.7720, 34.9560

Protanopia

119.2300, -29.3460, 14.2220

Deuteranopia

120.0220, -14.2610, 10.6590



Tritanopia

121.3570, 30.2120, 14.1480

Trichromacy



Original Color

122.5250, 21.7720, 34.9560

Protanomaly

120.3250, -10.3200, 21.8400

Deuteranomaly

121.1210, -1.0580, 19.1820

Tritanomaly

121.5450, 27.0470, 21.9510

Monochromacy



Original Color

122.5250, 21.7720, 34.9560

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.5100, 7.7920, 12.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.5250, 21.7720, 34.9560 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(165, 94, 158)` looks like.

```
.text, #text, p{  
    color:rgb(165, 94, 158)  
}
```

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(165, 94, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 158) }
```

Border

The CSS property to change the border of an element to YIQ 122.5250, 21.7720, 34.9560 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(165, 94, 158) }
```


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

```
.border{ border-color:rgb(165, 94, 158) }
```

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

Here you see how a box with a 4 pixel rgb(165, 94, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 94, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 94, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 94,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 122.5250, 21.7720, 34.9560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 158) }
```

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

```
.background{ background-color: rgb(165, 94,  
158) }
```

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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