

Converting Colors

YIQ(118.7500, 25.2120, 27.6760)

Have a look what the booklet for
YIQ(118.7500, 25.2120, 27.6760)
contains.

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Color

**YIQ(118.7500, 25.2120,
27.6760)**

Conversions

Conversions Part 1

Format	Color
Hex	A05E8A
RGB	160, 94, 138
RGB Percent	63%, 37%, 54%
CMY	0.3724, 0.6315, 0.4588
CMYK	0.00, 0.41, 0.14, 0.37
HSL	320°, 26%, 50%
HSV	320°, 41%, 63%
XYZ	23.0955, 17.3144, 26.1759
YIQ	118.7500, 25.2120, 27.6760

Conversions

Conversions Part 2

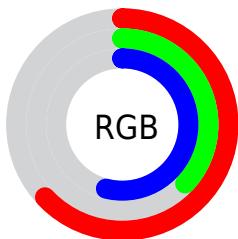
Format	Color
R_{YB}	160, 94, 138
Decimal	10509962
CIE _{Lab}	48.65, 33.33, -12.89
CIE _{LCh}	49, 35.733, 338.860
Yxy	17.3144, 0.3469, 0.2600
Android (android.graphics.Color)	4288700042 (0xFFA05E8A)
YUV	118.7500, 9.4902, 36.1763
Hunter-Lab	41.6106, 26.2561, -8.1701

Details

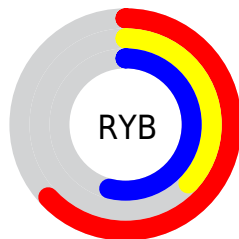
The YIQ color **118.7500, 25.2120, 27.6760** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.2500, -25.2120, -27.6760**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0600, 27.2750, 28.8350**, and **68.4400, 23.1490, 26.5170** is the 20% darker color. If you saturate the color by 10%, you get **108.7880, 31.2170, 34.4890**, and if you desaturate by 10%, it is **128.7120, 19.2070, 20.8630**.

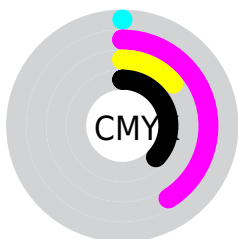
Distribution



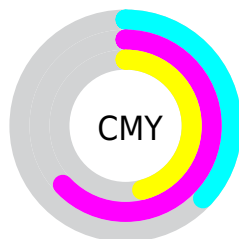
- Red (63%)
- Green (37%)
- Blue (54%)



- Red (63%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (14%)
- Black (37%)



- Cyan (37%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7500, 25.2120, 27.6760 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 118.7500, 25.2120, 27.6760 by changing the saturation by 10% instead.

■ 118.7500, 25.2120,
27.6760

■ 118.7500, 25.2120,
27.6760

■ 255.0000, -0.0000,
-0.0000

■ 93.1520, 24.0200,
27.2520

■ 172.0600, 27.2750,
28.8350

■ 68.4400, 23.1490,
26.5170

■ 199.7720, 28.1460,
29.5700

■ 43.9560, 21.6360,
26.4040

■ 221.9170, 17.3720,
26.5880

■ 21.8310, 20.4900,
25.1460

■ 239.7380, 7.1500,
13.5980

■ 13.5710, 14.9900,
14.6860

■ 0.0000, 0.0000,
0.0000

118.7500, 25.2120,
27.6760

118.7500, 25.2120,
27.6760

108.7880, 31.2170,
34.4890

128.7120, 19.2070,
20.8630

98.7120, 37.5430,
40.9910

138.7880, 12.8810,
14.3610

88.7500, 43.5480,
47.8040

148.7500, 6.8760,
7.5480

78.7880, 49.5530,
54.6170

158.7120, 0.8710,
0.7350

68.7120, 55.8790,
61.1190

168.7880, -5.4550,
-5.7670


60.0380, 61.0130,
67.1970

178.7500,
-11.4600, -12.5800

188.7120,
-17.4650, -19.3930

198.7880,

-23.7910, -25.8950

 208.7500,
-29.7960, -32.7080

Harmonies

Analogous

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



118.5000, -3.4430, 23.8610



118.7500, 25.2120, 27.6760



117.4560, 43.4150, 22.6710

Triad

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



118.7500, 25.2120, 27.6760



112.2100, 24.9910, -17.8970



93.7520, -84.8630, -20.4070

Complementary

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



118.7500, 25.2120, 27.6760



135.2500, -25.2120, -27.6760

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.



91.0330, -75.8290, -29.9490



118.7500, 25.2120, 27.6760



108.8200, -0.4540, -24.8220

Square

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



118.7500, 25.2120, 27.6760



114.3960, 42.5030, -4.8650



102.1610, -35.2070, -28.2550



92.8690, -89.2660, -12.1940

Rectangle

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



118.7500, 25.2120, 27.6760



116.0510, 48.6890, 15.1930



102.1610, -35.2070, -28.2550



93.3130, -82.2490, -23.7290

Sweetspot

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



118.7500, 25.2120, 27.6760



193.4130, 9.4430, 10.5870



108.1020, -8.0740, 25.1900



95.6250, 5.7300, 6.2900



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



118.7500, 25.2120, 27.6760



143.9620, 39.8350, 43.5070



114.9880, 35.8050, 17.4130



73.9620, 3.1630, 3.2510



53.5870, 54.7330, 59.8610



5.6250, 5.7300, 6.2900

Inverse Universe

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



118.7500, 25.2120, 27.6760



143.9620, 39.8350, 43.5070



139.0120, -35.8050, -17.4130



73.9620, 3.1630, 3.2510



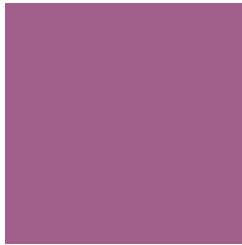
53.5870, 54.7330, 59.8610



5.6250, 5.7300, 6.2900

Previews

White Background



This preview shows how the YIQ color 118.7500, 25.2120, 27.6760 looks on a white background.

Color Contrast Check

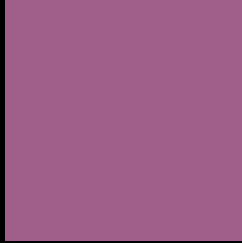
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.7500, 25.2120, 27.6760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

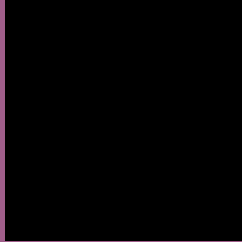
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 118.7500, 25.2120, 27.6760

Background



This preview shows how black text looks on a background with the YIQ color 118.7500, 25.2120, 27.6760.



This preview shows how white text looks on a background with the YIQ color 118.7500, 25.2120,

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

118.7500, 25.2120, 27.6760

Protanopia

116.6410, -17.5620, 9.9100

Deuteranopia

117.0030, -4.0820, 7.9020



Tritanopia

117.9550, 31.4040, 14.5720

Trichromacy



Original Color

118.7500, 25.2120, 27.6760

Protanomaly

117.3550, -1.8370, 16.7790

Deuteranomaly

117.4930, 6.4620, 15.0540

Tritanomaly

118.3340, 29.0190, 19.2510

Monochromacy



Original Color

118.7500, 25.2120, 27.6760

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0000, 9.1680, 10.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7500, 25.2120, 27.6760 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(160, 94, 138)` looks like.

```
.text, #text, p{  
    color:rgb(160, 94, 138)  
}
```

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(160, 94, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 94, 138) }
```

Border

The CSS property to change the border of an element to YIQ 118.7500, 25.2120, 27.6760 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(160, 94, 138) }
```


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

```
.border{ border-color:rgb(160, 94, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 94, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 94, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 94, 138);  
box-shadow:4px 4px 4px 4px rgb(160, 94,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7500, 25.2120, 27.6760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 94, 138) }
```

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

```
.background{ background-color: rgb(160, 94,  
138) }
```

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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