

Converting Colors

YIQ(118.6100, 20.3950, 43.3950)

Have a look what the booklet for
YIQ(118.6100, 20.3950, 43.3950)
contains.

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Color

**YIQ(118.6100, 20.3950,
43.3950)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A555AA |
| RGB | 165, 85, 170 |
| RGB Percent | 65%, 33%, 67% |
| CMY | 0.3527, 0.6668, 0.3333 |
| CMYK | 0.03, 0.50, 0.00, 0.33 |
| HSL | 297°, 33%, 50% |
| HSV | 297°, 50%, 67% |
| XYZ | 26.0319, 17.4002, 40.0187 |
| YIQ | 118.6100, 20.3950, 43.3950 |

Conversions

Conversions Part 2

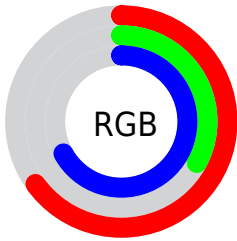
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 165, 85, 170 |
| Decimal | 10835370 |
| CIE _{Lab} | 48.76, 45.57, -31.61 |
| CIE _{LCh} | 49, 55.456, 325.255 |
| Yxy | 17.4002, 0.3119, 0.2085 |
| Android (android.graphics.Color) | 4289025450 (0xFFA555AA) |
| YUV | 118.6100, 25.3353, 40.6840 |
| Hunter-Lab | 41.7135, 38.3968, -27.6816 |

Details

The YIQ color **118.6100, 20.3950, 43.3950** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.3900, -20.3950, -43.3950**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **173.1480, 21.8160, 45.1760**, and **65.8980, 19.5240, 42.6600** is the 20% darker color. If you saturate the color by 10%, you get **108.3320, 24.4740, 52.0740**, and if you desaturate by 10%, it is **128.8880, 16.3160, 34.7160**.

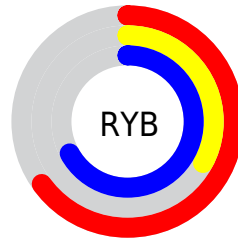
Distribution



Red (65%)

Green (33%)

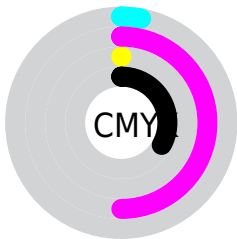
Blue (67%)



Red (65%)

Yellow (33%)

Blue (67%)

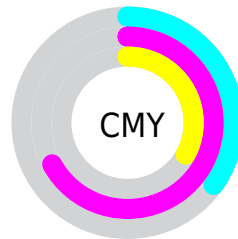


Cyan (3%)

Magenta (50%)

Yellow (0%)

Black (33%)



Cyan (35%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.6100, 20.3950, 43.3950 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 118.6100, 20.3950, 43.3950 by changing the saturation by 10% instead.

■ 118.6100, 20.3950,
43.3950

■ 118.6100, 20.3950,
43.3950

■ 255.0000, -0.0000,
-0.0000

■ 92.1970, 20.1200,
42.8720

■ 173.1480, 21.8160,
45.1760

■ 65.8980, 19.5240,
42.6600

■ 200.8600, 22.6870,
45.9110

■ 35.9030, 21.1280,
46.6320

■ 218.6060, 17.0500,
32.4260

■ 25.3930, 13.3360,
33.6560

■ 235.0420, 9.3500,
17.7820

■ 16.6060, 7.8820,
22.3620

■ 252.0650, 1.3750,
2.6150

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,

0.0000

■ 118.6100, 20.3950,
43.3950

■ 118.6100, 20.3950,
43.3950

■ 108.3320, 24.4740,
52.0740

■ 128.8880, 16.3160,
34.7160

■ 98.0540, 28.5530,
60.7530

■ 139.1660, 12.2370,
26.0370

■ 87.7760, 32.6320,
69.4320

■ 149.4440, 8.1580,
17.3580

■ 77.4980, 36.7110,
78.1110

■ 159.7220, 4.0790,
8.6790

■ 67.2200, 40.7900,
86.7900

■ 170.0000, -0.0000,
0.0000

■ 180.2780, -4.0790,
-8.6790

■ 190.5560, -8.1580,
-17.3580

■ 200.8340,
-12.2370, -26.0370

■ 211.1120,
-16.3160, -34.7160

Harmonies

Analogous

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



115.9220, -33.7500, 27.9620



118.6100, 20.3950, 43.3950



113.0580, 57.1200, 44.1280

Triad

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



118.6100, 20.3950, 43.3950



108.5120, 55.8950, -27.3130



98.0890, -87.4300, -23.4460

Complementary

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



118.6100, 20.3950, 43.3950



136.3900, -20.3950, -43.3950

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.



92.6170, -72.0220, -38.3740



118.6100, 20.3950, 43.3950



105.0990, 20.0890, -39.1990

Square

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



118.6100, 20.3950, 43.3950



111.7430, 69.5070, 1.3390



93.1690, -38.8260, -45.2740



100.5460, -98.4820, -10.3700

Rectangle

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



118.6100, 20.3950, 43.3950



111.6060, 69.7760, 35.0240



93.1690, -38.8260, -45.2740



96.8520, -82.5690, -28.9450

Sweetspot

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



118.6100, 20.3950, 43.3950



202.0310, 7.8830, 16.8350



98.2120, -28.9350, 23.2970



99.9610, 4.9040, 10.2480



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.



118.6100, 20.3950, 43.3950



141.5370, 31.8070, 67.8630



115.8870, 35.2520, 32.9480



79.3040, 2.2000, 4.1840



58.4330, 35.3360, 75.4960



7.9610, 4.9040, 10.2480

Inverse Universe

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



110.9850, 49.0550, 19.5750



129.5650, 77.0210, 30.3730



139.1130, -35.2520, -32.9480



78.3920, 4.7680, 1.6960



45.2780, 85.3190, 34.1750



6.0940, 11.5990, 4.5510

Previews

White Background



This preview shows how the YIQ color 118.6100, 20.3950, 43.3950 looks on a white background.

Color Contrast Check

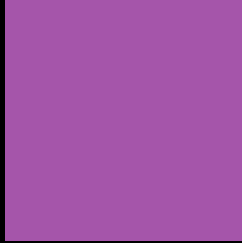
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.6100, 20.3950, 43.3950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

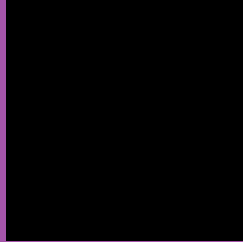
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 118.6100, 20.3950, 43.3950

Background



This preview shows how black text looks on a background with the YIQ color 118.6100, 20.3950, 43.3950.



This preview shows how white text looks on a background with the YIQ color 118.6100, 20.3950,

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

118.6100, 20.3950, 43.3950

Protanopia

113.9650, -44.4770, 18.6190

Deuteranopia

115.9160, -25.5860, 12.1580



Tritanopia

117.9550, 31.4040, 14.5720

Trichromacy



Original Color

118.6100, 20.3950, 43.3950

Protanomaly

115.4520, -20.6830, 27.9330

Deuteranomaly

116.8630, -8.8990, 23.6210

Tritanomaly

118.5390, 27.1840, 24.9760

Monochromacy



Original Color

118.6100, 20.3950, 43.3950

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2050, 7.3330, 15.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.6100, 20.3950, 43.3950 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, 85, 170)` looks like.

```
.text, #text, p{  
    color:rgb(165, 85, 170)  
}
```

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, 85, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 85, 170) }
```

Border

The CSS property to change the border of an element to YIQ 118.6100, 20.3950, 43.3950 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, 85, 170) }
```


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

```
.border{ border-color:rgb(165, 85, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 85, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 85, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 85, 170);  
box-shadow:4px 4px 4px 4px rgb(165, 85,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 118.6100, 20.3950, 43.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 85, 170) }
```

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

```
.background{ background-color: rgb(165, 85,  
170) }
```

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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