

Converting Colors

YIQ(112.6310, 15.9020, 42.2220)

Have a look what the booklet for
YIQ(112.6310, 15.9020, 42.2220)
contains.

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Color

**YIQ(112.6310, 15.9020,
42.2220)**

Conversions

Conversions Part 1

Format	Color
Hex	9A51A7
RGB	154, 81, 167
RGB Percent	60%, 32%, 65%
CMY	0.3958, 0.6825, 0.3451
CMYK	0.08, 0.52, 0.00, 0.35
HSL	291°, 35%, 49%
HSV	291°, 52%, 65%
XYZ	23.2526, 15.5460, 38.3339
YIQ	112.6310, 15.9020, 42.2220

Conversions

Conversions Part 2

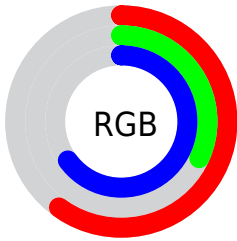
Format	Color
RYB	154, 81, 167
Decimal	10113447
CIELab	46.37, 43.86, -33.68
CIELCh	46, 55.305, 322.480
Yxy	15.5460, 0.3015, 0.2015
Android (android.graphics.Color)	4288303527 (0xFF9A51A7)
YUV	112.6310, 26.8039, 36.2806
Hunter-Lab	39.4285, 36.2690, -30.0442

Details

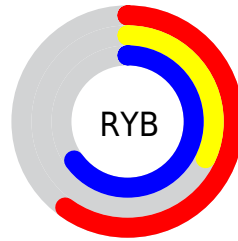
The YIQ color **112.6310, 15.9020, 42.2220** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.3690, -15.9020, -42.2220**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2830, 17.0020, 44.3140**, and **60.6200, 14.4350, 41.2750** is the 20% darker color. If you saturate the color by 10%, you get **102.0540, 19.3850, 50.6890**, and if you desaturate by 10%, it is **123.5070, 13.0150, 33.9670**.

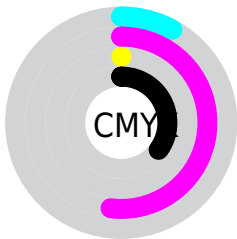
Distribution



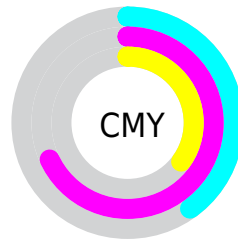
- Red (60%)
- Green (32%)
- Blue (65%)



- Red (60%)
- Yellow (32%)
- Blue (65%)



- Cyan (8%)
- Magenta (52%)
- Yellow (0%)
- Black (35%)



- Cyan (40%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6310, 15.9020, 42.2220 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 112.6310, 15.9020, 42.2220 by changing the saturation by 10% instead.

■ 112.6310, 15.9020,
42.2220

■ 112.6310, 15.9020,
42.2220

■ 255.0000, -0.0000,
-0.0000

■ 86.8050, 15.3520,
41.1760

■ 166.2830, 17.0020,
44.3140

■ 60.9190, 15.0310,
41.4870

■ 193.9950, 17.8730,
45.0490

■ 32.6850, 15.8100,
43.8900

■ 215.6710, 18.4250,
35.0410

■ 22.4740, 8.6140,
31.1260

■ 232.1070, 10.7250,
20.3970

■ 12.9750, 2.2890,
19.0970

■ 249.1300, 2.7500,
5.2300

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,

0.0000

■ 112.6310, 15.9020,
42.2220

■ 112.6310, 15.9020,
42.2220

■ 102.0540, 19.3850,
50.6890

■ 123.5070, 13.0150,
33.9670

■ 91.7650, 21.9970,
58.4210

■ 133.4970, 9.8070,
26.0230

■ 81.1880, 25.4800,
66.8880

■ 144.3730, 6.9200,
17.7680

■ 70.3120, 28.3670,
75.1430

■ 154.9500, 3.4370,
9.3010

■ 61.4960, 31.0250,
82.0410

■ 165.2390, 0.8250,
1.5690

■ 175.8160, -2.6580,
-6.8980

■ 186.6920, -5.5450,
-15.1530

■ 197.2690, -9.0280,
-23.6200

■ 207.5580,
-11.6400, -31.3520

Harmonies

Analogous

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



108.2200, -40.5810, 25.1070



112.6310, 15.9020, 42.2220



107.0300, 54.3230, 45.2590

Triad

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



112.6310, 15.9020, 42.2220



103.5060, 56.0320, -24.2880



93.3130, -82.2490, -23.7290

Complementary

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



112.6310, 15.9020, 42.2220



135.3690, -15.9020, -42.2220

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.



87.2540, -66.5660, -38.1340



112.6310, 15.9020, 42.2220



98.7960, 25.3160, -40.3160

Square

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



112.6310, 15.9020, 42.2220



105.3240, 69.3690, 3.8410



89.1160, -31.3070, -43.8750



95.9980, -93.9430, -10.0310

Rectangle

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



112.6310, 15.9020, 42.2220



104.5890, 68.4460, 37.1020



89.1160, -31.3070, -43.8750



91.6030, -77.4340, -28.3940

Sweetspot

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



112.6310, 15.9020, 42.2220



196.1340, 6.0950, 16.1990



99.0220, -31.4560, 19.4240



97.3630, 3.7120, 9.8240



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



112.6310, 15.9020, 42.2220



131.7750, 25.2050, 66.3650



113.2120, 32.9590, 35.9590



79.0050, 1.6040, 3.9720



54.5460, 27.5880, 72.7400



7.3630, 3.7120, 9.8240

Inverse Universe

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



108.1960, 47.0830, 22.2750



124.7590, 73.7190, 35.1510



134.7880, -32.9590, -35.9590



78.5060, 4.4470, 2.0070



46.7600, 81.1460, 38.2180



6.3220, 10.9570, 5.1730

Previews

White Background



This preview shows how the YIQ color 112.6310, 15.9020, 42.2220 looks on a white background.

Color Contrast Check

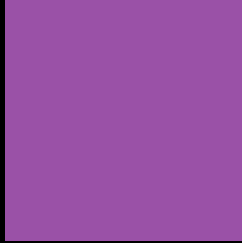
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6310, 15.9020, 42.2220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

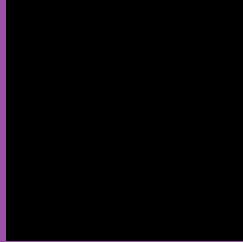
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.6310, 15.9020, 42.2220

Background



This preview shows how black text looks on a background with the YIQ color 112.6310, 15.9020, 42.2220.



This preview shows how white text looks on a background with the YIQ color 112.6310, 15.9020,

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

112.6310, 15.9020, 42.2220

Protanopia

107.2960, -46.9070, 18.6050

Deuteranopia

109.6490, -29.2080, 11.7200



Tritanopia

112.4490, 26.9570, 12.5650

Trichromacy



Original Color

112.6310, 15.9020, 42.2220

Protanomaly

109.0710, -23.9840, 27.1840

Deuteranomaly

110.5960, -12.5210, 23.1830

Tritanomaly

112.4460, 23.0120, 23.4920

Monochromacy



Original Color

112.6310, 15.9020, 42.2220

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7210, 5.8200, 15.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6310, 15.9020, 42.2220 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(154, 81, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 81, 167)  
}
```

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(154, 81, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 81, 167) }
```

Border

The CSS property to change the border of an element to YIQ 112.6310, 15.9020, 42.2220 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(154, 81, 167) }
```


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

```
.border{ border-color:rgb(154, 81, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 81, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 81, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 81, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 81,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6310, 15.9020, 42.2220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 81, 167) }
```

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

```
.background{ background-color: rgb(154, 81,  
167) }
```

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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