

Converting Colors

YIQ(112.5550, 31.3960, 58.7880)

Have a look what the booklet for
YIQ(112.5550, 31.3960, 58.7880)
contains.

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Color

**YIQ(112.5550, 31.3960,
58.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	B342B2
RGB	179, 66, 178
RGB Percent	70%, 26%, 70%
CMY	0.2977, 0.7413, 0.3019
CMYK	0.00, 0.63, 0.01, 0.30
HSL	301°, 46%, 48%
HSV	301°, 63%, 70%
XYZ	28.5927, 16.6997, 43.8409
YIQ	112.5550, 31.3960, 58.7880

Conversions

Conversions Part 2

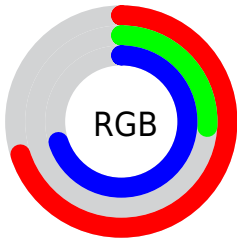
Format	Color
RYB	179, 66, 178
Decimal	11748018
CIELab	47.88, 59.68, -37.55
CIElCh	48, 70.511, 327.824
Yxy	16.6997, 0.3208, 0.1874
Android (android.graphics.Color)	4289938098 (0xFFB342B2)
YUV	112.5550, 32.2644, 58.2723
Hunter-Lab	40.8652, 53.3792, -35.0017

Details

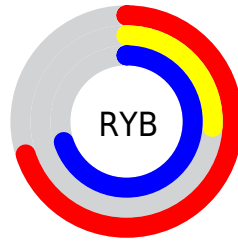
The YIQ color **112.5550, 31.3960, 58.7880** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **132.4450, -31.3960, -58.7880**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5660, 32.8630, 59.7350**, and **51.0270, 33.1830, 64.9510** is the 20% darker color. If you saturate the color by 10%, you get **101.9890, 36.3460, 68.2020**, and if you desaturate by 10%, it is **123.1210, 26.4460, 49.3740**.

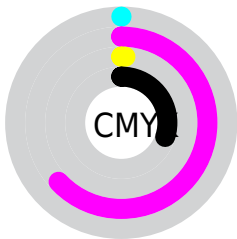
Distribution



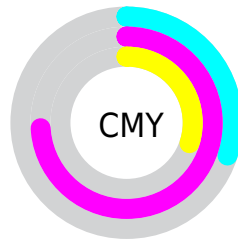
- Red (70%)
- Green (26%)
- Blue (70%)



- Red (70%)
- Yellow (26%)
- Blue (70%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (30%)



- Cyan (30%)
- Magenta (74%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5550, 31.3960, 58.7880 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 112.5550, 31.3960, 58.7880 by changing the saturation by 10% instead.

■ 112.5550, 31.3960,
58.7880

■ 112.5550, 31.3960,
58.7880

■ 255.0000, -0.0000,
-0.0000

■ 83.4950, 31.6250,
60.1450

■ 168.5660, 32.8630,
59.7350

■ 51.0270, 33.1830,
64.9510

■ 192.7780, 29.1500,
55.4380

■ 39.9900, 25.4370,
51.1410

■ 209.2140, 21.4500,
40.7940

■ 29.1810, 17.0490,
37.9530

■ 226.2370, 13.4750,
25.6270

■ 19.3830, 10.1280,
25.7120

■ 243.2600, 5.5000,
10.4600

■ 3.3060, -9.3090,
9.0190

■ 0.0000, 0.0000,

0.0000

■ 112.5550, 31.3960,
58.7880

■ 112.5550, 31.3960,
58.7880

■ 101.9890, 36.3460,
68.2020

■ 123.1210, 26.4460,
49.3740

■ 91.4230, 41.2960,
77.6160

■ 133.6870, 21.4960,
39.9600

■ 80.7430, 46.5670,
86.7190

■ 144.3670, 16.2250,
30.8570

■ 73.6990, 49.8670,
92.9950

■ 154.9330, 11.2750,
21.4430

■ 165.4990, 6.3250,
12.0290

■ 175.4780, 1.6500,
3.1380

■ 186.0440, -3.3000,
-6.2760

■ 196.6100, -8.2500,
-15.6900

■ 207.2900,
-13.5210, -24.7930

Harmonies

Analogous

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



112.4840, -40.9040, 36.4720



112.5550, 31.3960, 58.7880



98.0260, 78.4820, 64.4820

Triad

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



112.5550, 31.3960, 58.7880



107.0280, 54.3820, -27.4260



100.7450, -92.1530, -20.4490

Complementary

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



112.5550, 31.3960, 58.7880



132.4450, -31.3960, -58.7880

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.



93.7910, -72.5720, -39.4200



112.5550, 31.3960, 58.7880



98.7790, 14.8180, -48.3020

Square

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



112.5550, 31.3960, 58.7880



104.9220, 87.7560, -4.5000



84.2610, -51.2490, -56.9210



103.7550, -106.1400, -3.7400

Rectangle

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



112.5550, 31.3960, 58.7880



97.2980, 91.7350, 50.0630



84.2610, -51.2490, -56.9210



98.5790, -86.0540, -26.3580

Sweetspot

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



112.5550, 31.3960, 58.7880



206.1720, 12.1000, 23.0120



78.8820, -36.2730, 35.1430



101.1510, 7.4250, 14.1210



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



112.5550, 31.3960, 58.7880



128.4600, 49.0420, 91.4260



106.2850, 49.0510, 41.6830



83.7170, 2.4750, 4.7070



63.0750, 42.3960, 79.7080



10.6240, 7.4710, 13.2870

Inverse Universe

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



112.5550, 31.3960, 58.7880



128.4600, 49.0420, 91.4260



138.8290, -49.3720, -41.3720



83.7170, 2.4750, 4.7070



63.0750, 42.3960, 79.7080



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 112.5550, 31.3960, 58.7880 looks on a white background.

Color Contrast Check

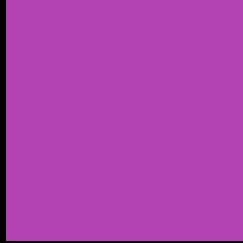
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.5550, 31.3960, 58.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

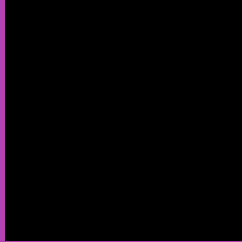
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.5550, 31.3960, 58.7880

Background



This preview shows how black text looks on a background with the YIQ color 112.5550, 31.3960, 58.7880.



This preview shows how white text looks on a background with the YIQ color 112.5550, 31.3960,

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

112.5550, 31.3960, 58.7880

Protanopia

105.6710, -69.8320, 21.0800

Deuteranopia

112.9090, -32.8760, 12.1160



Tritanopia

114.6040, 45.7540, 18.8260

Trichromacy



Original Color

112.5550, 31.3960, 58.7880

Protanomaly

108.3230, -33.2010, 34.5350

Deuteranomaly

113.1390, -9.4960, 28.9360

Tritanomaly

113.6380, 40.3870, 33.4990

Monochromacy



Original Color

112.5550, 31.3960, 58.7880

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9330, 11.2750, 21.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5550, 31.3960, 58.7880 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(179, 66, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 66, 178)  
}
```

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(179, 66, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 66, 178) }
```

Border

The CSS property to change the border of an element to YIQ 112.5550, 31.3960, 58.7880 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(179, 66, 178) }
```


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

```
.border{ border-color:rgb(179, 66, 178) }
```

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

Here you see how a box with a 4 pixel rgb(179, 66, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 66, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 66, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 66,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5550, 31.3960, 58.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 66, 178) }
```

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

```
.background{ background-color: rgb(179, 66,  
178) }
```

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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