Converting Colors

Yxy(14.7198, 0.4332, 0.2747)

Have a look what the booklet for Yxy(14.7198, 0.4332, 0.2747) contains.

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Color

Yxy(14.6608, 0.4333, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	B2446B
RGB	178, 68, 107
RGB Percent	70%, 27%, 42%
CMY	0.3019, 0.7334, 0.5803
CMYK	0.00, 0.62, 0.40, 0.30
HSL	339°, 45%, 48%
HSV	339°, 62%, 70%
XYZ	23.0833, 14.6608, 15.5292
YIQ	105.3360, 53.0410, 35.4490

Conversions

Conversions Part 2

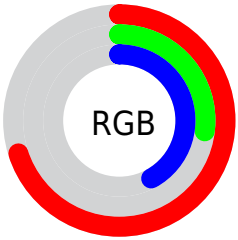
Format	Color
RYB	178, 68, 107
Decimal	11682923
CIELab	45.17, 48.31, 0.96
CIELCh	45, 48.316, 1.144
Yxy	14.6608, 0.4333, 0.2752
Android (android.graphics.Color)	4289873003 (0xFFB2446B)
YUV	105.3360, 0.8204, 63.7263
Hunter-Lab	38.2894, 40.6047, 2.7562

Details

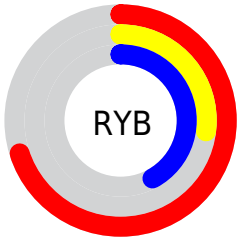
The Yxy color 14.6608, 0.4333, 0.2752 is a dark color, and the websafe version is hex 993366. A complement of this color would be 34.9361, 0.2614, 0.3977, and the grayscale version is 14.2097, 0.3127, 0.3290.

A 20% lighter version of the original color is 34.1479, 0.4045, 0.2882, and 4.4563, 0.4889, 0.2495 is the 20% darker color. If you saturate the color by 10%, you get 12.5998, 0.4650, 0.2713, and if you desaturate by 10%, it is 17.4091, 0.4046, 0.2820.

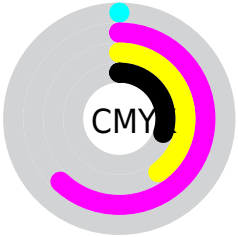
Distribution



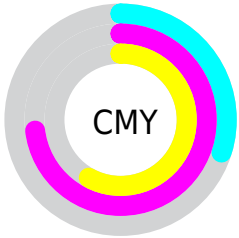
- Red (70%)
- Green (27%)
- Blue (42%)



- Red (70%)
- Yellow (27%)
- Blue (42%)



- Cyan (0%)
- Magenta (62%)
- Yellow (40%)
- Black (30%)



- Cyan (30%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.6608, 0.4333, 0.2752 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 Yxy color 14.6608, 0.4333, 0.2752 by changing the saturation by 10% instead.

14.6608, 0.4333, 0.2752

14.6608, 0.4333, 0.2752

221.3038, 0.3619, 0.3072

8.5817, 0.4561, 0.2649

34.2570, 0.4040, 0.2884

4.4693, 0.4890, 0.2499

48.5429, 0.3941, 0.2928

1.9394, 0.5404, 0.2262

66.3331, 0.3861, 0.2964

0.5719, 0.6470, 0.1791

88.0122, 0.3796, 0.2994

0.0000, 1.0000, 0.0000

113.9644, 0.3741, 0.3018

0.0000, 0.0000, 0.0000

144.5741, 0.3694,

0.3039

180.2258, 0.3654, 0.3057

14.6608, 0.4333, 0.2752

12.5998, 0.4650, 0.2713

11.1611, 0.4983, 0.2714

10.2714, 0.5306, 0.2764

9.8264, 0.5552, 0.2832

14.6608, 0.4333, 0.2752

17.4091, 0.4046, 0.2820

20.8971, 0.3797, 0.2906

25.1749, 0.3585, 0.3000

30.2874, 0.3410, 0.3095

36.2763, 0.3265, 0.3187

43.1802, 0.3146, 0.3275

51.0356, 0.3049, 0.3356

59.8769, 0.2969, 0.3432

69.7369, 0.2903, 0.3500

Harmonies

Analogous

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

14.6608, 0.3325, 0.2238

14.6608, 0.4333, 0.2752

14.6608, 0.4979, 0.3384

Triad

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

14.6608, 0.4333, 0.2752

14.6608, 0.3616, 0.5129

14.6608, 0.1527, 0.2121

Complementary

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

14.6608, 0.4333, 0.2752

34.9361, 0.2614, 0.3977

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.

14.6608, 0.1569, 0.2754

14.6608, 0.4333, 0.2752

14.6608, 0.2708, 0.4815

Square

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

14.6608, 0.4333, 0.2752

14.6608, 0.4448, 0.4732

14.6608, 0.1964, 0.3792

14.6608, 0.1801, 0.1874

Rectangle

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

14.6608, 0.4333, 0.2752

14.6608, 0.5053, 0.3836

14.6608, 0.1964, 0.3792

14.6608, 0.1505, 0.2284

Sweetspot

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

14.6616, 0.4333, 0.2752

57.4543, 0.3371, 0.3118

12.7235, 0.2675, 0.1658

12.0873, 0.3416, 0.3091

91.1408, 0.3127, 0.3290

17.8868, 0.3127, 0.3290

Same Dimension

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

14.6616, 0.4333, 0.2752

21.8175, 0.4765, 0.2708

16.0184, 0.4900, 0.3492

8.5534, 0.3233, 0.3209

7.0413, 0.5522, 0.2816

0.2329, 0.4742, 0.2386

Inverse Universe

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

14.6616, 0.4333, 0.2752

21.8175, 0.4765, 0.2708

30.7585, 0.2331, 0.3041

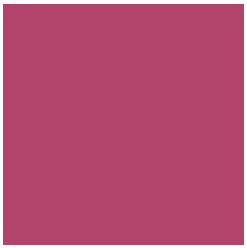
8.5534, 0.3233, 0.3209

7.0413, 0.5522, 0.2816

0.2329, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 14.6608, 0.4333, 0.2752 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

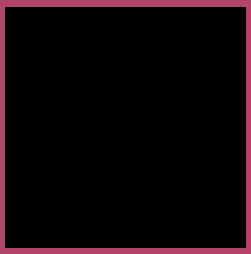
Black Background

Color Contrast Check

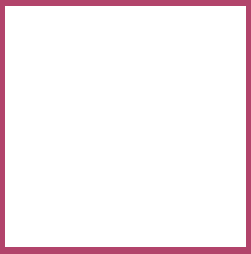
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 14.6608, 0.4333, 0.2752 Background



This preview shows how black text looks on a background with the Yxy color 14.6608, 0.4333, 0.2752.



This preview shows how white text looks on a background with the Yxy color 14.6608, 0.4333, 0.2752.

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

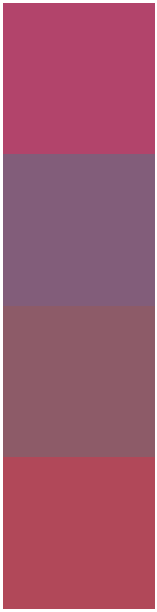
Original Color
14.6608, 0.4333, 0.2752

Protanopia
14.9519, 0.2789, 0.2824

Deuteranopia
14.8530, 0.3385, 0.3331

Tritanopia
14.6922, 0.4779, 0.3226

Trichromacy



Original Color
14.6608, 0.4333, 0.2752

Protanomaly
13.9797, 0.3271, 0.2749

Deuteranomaly
14.1444, 0.3721, 0.3056

Tritanomaly
14.7031, 0.4629, 0.3059

Monochromacy

Original Color
14.6608, 0.4333, 0.2752

Achromatopsia
14.1263, 0.3127, 0.3290

Achromatomaly
13.6004, 0.3546, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6608, 0.4333, 0.2752 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(178, 68, 107) looks like.

```
.text, #text, p{
    color:rgb(178, 68, 107)
}
```

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(178, 68, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 68, 107) }
```

Border

The CSS property to change the border of an element to Yxy 14.6608, 0.4333, 0.2752 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(178, 68, 107) }
```

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

```
.border{ border-color:rgb(178, 68, 107) }
```

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

Here you see how a box with a 4 pixel rgb(178, 68, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 68, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 68, 107); box-shadow:4px 4px 4px 4px rgb(178, 68, 107) }
```

Background

The CSS property to change the background color of an element to Yxy 14.6608, 0.4333, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(178, 68, 107) }
```

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

```
.background{ background-color:rgb(178, 68,
107) }
```

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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