

Converting Colors

$Yxy(16.3533, 0.4263, 0.2593)$

Have a look what the booklet for
Yxy(16.3533, 0.4263, 0.2593)
contains.

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Color

Yxy(16.3533, 0.4263, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	BF4279
RGB	191, 66, 121
RGB Percent	75%, 26%, 47%
CMY	0.2510, 0.7412, 0.5255
CMYK	0.00, 0.65, 0.37, 0.25
HSL	334°, 49%, 50%
HSV	334°, 65%, 75%
XYZ	26.8855, 16.3533, 19.8283
YIQ	109.6450, 56.8450, 43.6050

Conversions

Conversions Part 2

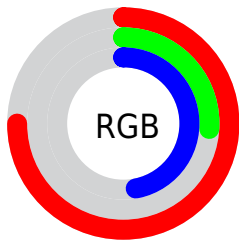
Format	Color
R_{YB}	191, 66, 121
Decimal	12534393
CIE _{Lab}	47.43, 54.79, -3.99
CIE _{LCh}	47, 54.939, 355.832
Yxy	16.3533, 0.4263, 0.2593
Android (android.graphics.Color)	4290724473 (0xFFBF4279)
YUV	109.6450, 5.5980, 71.3483
Hunter-Lab	40.4392, 47.9049, -0.7638

Details

The Yxy color **16.3533, 0.4263, 0.2593** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **40.1985, 0.2659, 0.4221**, and the grayscale version is **15.4584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2011, 0.4005, 0.2751**, and **5.4676, 0.4702, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **14.2345, 0.4538, 0.2550**, and if you desaturate by 10%, it is **19.2479, 0.4009, 0.2672**.

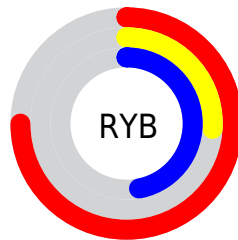
Distribution



Red (75%)

Green (26%)

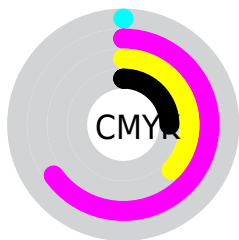
Blue (47%)



Red (75%)

Yellow (26%)

Blue (47%)

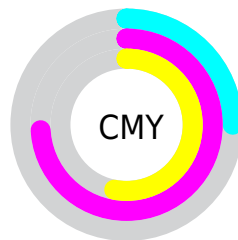


Cyan (0%)

Magenta (65%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (74%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.3533, 0.4263, 0.2593 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 16.3533, 0.4263, 0.2593 by changing the saturation by 10% instead.


 16.3533, 0.4263,
0.2593


 16.3533, 0.4263,
0.2593


231.4175, 0.3607,
0.2989

 9.7745, 0.4463,
0.2475


 37.2105, 0.4000,
0.2750


 5.2497, 0.4746,
0.2312

 52.2576, 0.3909,
0.2805


 2.3945, 0.5174,
0.2070

 70.8964, 0.3835,
0.2850

 0.8231, 0.5881,
0.1683

 93.5111, 0.3774,
0.2887

 0.0000, 1.0000,
0.0000

 120.4862, 0.3722,
0.2918

 0.0000, 0.0000,
0.0000

152.2060, 0.3678,

0.2945

189.0550, 0.3640,
0.2969

■ 16.3533, 0.4263,
0.2593

■ 16.3533, 0.4263,
0.2593

■ 14.2345, 0.4538,
0.2550

■ 19.2479, 0.4009,
0.2672

■ 12.8104, 0.4822,
0.2555

■ 22.9836, 0.3785,
0.2773

■ 11.9853, 0.5096,
0.2612

■ 27.6215, 0.3592,
0.2887

■ 11.7172, 0.5218,
0.2648

■ 33.2165, 0.3428,
0.3005

■ 39.8187, 0.3292,
0.3121

■ 47.4751, 0.3180,
0.3232

■ 56.2295, 0.3087,
0.3337

■ 66.1233, 0.3011,
0.3434

■ 77.1956, 0.2948,
0.3523

Harmonies

Analogous

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



16.3533, 0.3139, 0.2082



16.3533, 0.4263, 0.2593



16.3533, 0.5075, 0.3243

Triad

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



16.3533, 0.4263, 0.2593



16.3533, 0.3798, 0.5260



16.3533, 0.1396, 0.2104

Complementary

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



16.3533, 0.4263, 0.2593



40.1985, 0.2659, 0.4221

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.



16.3533, 0.1495, 0.2862



16.3533, 0.4263, 0.2593



16.3533, 0.2820, 0.5118

Square

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



16.3533, 0.4263, 0.2593



16.3533, 0.4665, 0.4699



16.3533, 0.1975, 0.4065



16.3533, 0.1626, 0.1788

Rectangle

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



16.3533, 0.4263, 0.2593



16.3533, 0.5229, 0.3713



16.3533, 0.1975, 0.4065



16.3533, 0.1391, 0.2301

Sweetspot

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



16.3542, 0.4263, 0.2593



65.3197, 0.3355, 0.3065



12.7893, 0.2514, 0.1509



13.6198, 0.3395, 0.3031



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



16.3542, 0.4263, 0.2593



24.1213, 0.4675, 0.2546



16.1379, 0.5178, 0.3369



9.6042, 0.3221, 0.3189



7.7159, 0.5185, 0.2630



0.3154, 0.4595, 0.2305

Inverse Universe

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



16.3542, 0.4263, 0.2593



24.1213, 0.4675, 0.2546



39.5143, 0.2337, 0.3190



9.6042, 0.3221, 0.3189



7.7159, 0.5185, 0.2630



0.3154, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 16.3533, 0.4263, 0.2593 looks on a white background.

Color Contrast Check

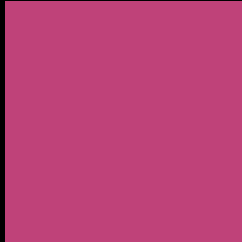
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 16.3533, 0.4263, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

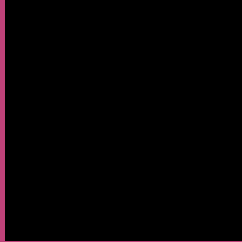
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.3533, 0.4263, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 16.3533, 0.4263, 0.2593.



This preview shows how white text looks on a background with the Yxy color 16.3533, 0.4263, 0.2593.

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

16.3533, 0.4263, 0.2593

Protanopia

16.6475, 0.2589, 0.2557

Deuteranopia

16.6006, 0.3240, 0.3194



Tritanopia

16.3027, 0.4898, 0.3232

Trichromacy



Original Color

16.3533, 0.4263, 0.2593

Protanomaly

15.1462, 0.3081, 0.2501

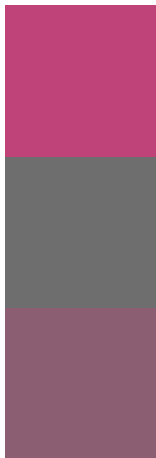
Deuteranomaly

15.5857, 0.3609, 0.2896

Tritanomaly

16.2798, 0.4674, 0.2999

Monochromacy



Original Color

16.3533, 0.4263, 0.2593

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

14.7093, 0.3522, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3533, 0.4263, 0.2593 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(191, 66, 121)` looks like.

```
.text, #text, p{  
  color:rgb(191, 66, 121)  
}
```

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(191, 66, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 66, 121) }
```

Border

The CSS property to change the border of an element to Yxy 16.3533, 0.4263, 0.2593 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(191, 66, 121) }
```

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

```
.border{ border-color:rgb(191, 66, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 66, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 66, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 66, 121); box-shadow:4px 4px 4px 4px rgb(191, 66, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3533, 0.4263, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 66, 121) }
```

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

```
.background{ background-color: rgb(191, 66,  
121) }
```

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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