

Converting Colors

$Y_{xy}(24.3396, 0.3541, 0.2597)$

Have a look what the booklet for
Yxy(24.3396, 0.3541, 0.2597)
contains.

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Color

Yxy(24.3396, 0.3541, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	BF6CA0
RGB	191, 108, 160
RGB Percent	75%, 42%, 63%
CMY	0.2511, 0.5764, 0.3726
CMYK	0.00, 0.43, 0.16, 0.25
HSL	322°, 39%, 59%
HSV	322°, 43%, 75%
XYZ	33.1870, 24.3396, 36.1954
YIQ	138.7450, 32.7760, 33.7680

Conversions

Conversions Part 2

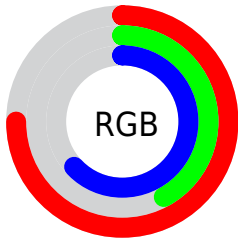
Format	Color
R _{YB}	191, 108, 160
Decimal	12545184
CIE Lab	56.43, 39.90, -13.67
CIE LCh	56, 42.180, 341.085
Yxy	24.3396, 0.3541, 0.2597
Android (android.graphics.Color)	4290735264 (0xFFBF6CA0)
YUV	138.7450, 10.4787, 45.8276
Hunter-Lab	49.3352, 33.7374, -8.9643

Details

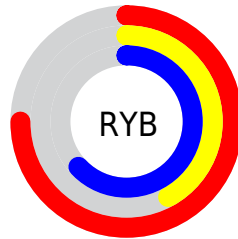
The Yxy color $24.3396, 0.3541, 0.2597$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $42.3048, 0.2866, 0.4114$, and the grayscale version is $25.6666, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5358, 0.3458, 0.2728$, and $9.2432, 0.3693, 0.2383$ is the 20% darker color. If you saturate the color by 10%, you get $20.5004, 0.3678, 0.2450$, and if you desaturate by 10%, it is $29.0777, 0.3420, 0.2757$.

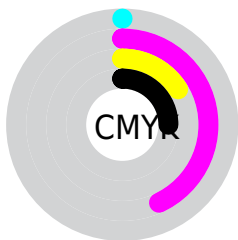
Distribution



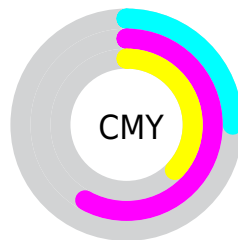
- Red (75%)
- Green (42%)
- Blue (63%)



- Red (75%)
- Yellow (42%)
- Blue (63%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (25%)




- Cyan (25%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3396, 0.3541, 0.2597 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 24.3396, 0.3541, 0.2597 by changing the saturation by 10% instead.


 24.3396, 0.3541,
0.2597


 24.3396, 0.3541,
0.2597


274.5329, 0.3322,
0.2960


 15.5857, 0.3600,
0.2501


 50.5838, 0.3458,
0.2733

 9.2315, 0.3678,
0.2376


 68.8429, 0.3428,
0.2782

 4.8925, 0.3786,
0.2203


 91.0393, 0.3403,
0.2824

 2.1843, 0.3945,
0.1954

 117.5572, 0.3382,
0.2859

 0.7114, 0.4211,
0.1547

148.7812, 0.3364,
0.2890

 0.0000, 0.5324,
0.0000

185.0955, 0.3348,

 0.0000, 0.0000,

0.2916

0.0000

226.8846, 0.3334,
0.2939

■ 24.3396, 0.3541,
0.2597

■ 24.3396, 0.3541,
0.2597

■ 20.5004, 0.3678,
0.2450

■ 29.0777, 0.3420,
0.2757

■ 17.4983, 0.3830,
0.2325

■ 34.7645, 0.3315,
0.2921

■ 15.2688, 0.3993,
0.2235


■ 41.4501, 0.3226,
0.3083


■ 13.7369, 0.4161,
0.2189

■ 49.1802, 0.3150,
0.3238

■ 12.8119, 0.4328,
0.2194


■ 57.9974, 0.3087,
0.3386

 12.4196, 0.4437,
0.2218

 67.9423, 0.3034,
0.3523

 79.0530, 0.2990,
0.3650

 87.6064, 0.2953,
0.3707

 87.9860, 0.2915,
0.3626

Harmonies

Analogous

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



24.3396, 0.2803, 0.2285



24.3396, 0.3541, 0.2597



24.3396, 0.4222, 0.3057

Triad

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



24.3396, 0.3541, 0.2597



24.3396, 0.3986, 0.4538



24.3396, 0.1874, 0.2721

Complementary

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



24.3396, 0.3541, 0.2597



42.3048, 0.2866, 0.4114

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.



24.3396, 0.2113, 0.3407



24.3396, 0.3541, 0.2597



24.3396, 0.3314, 0.4608

Square

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



24.3396, 0.3541, 0.2597



24.3396, 0.4459, 0.4125



24.3396, 0.2628, 0.4168



24.3396, 0.1918, 0.2308

Rectangle

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



24.3396, 0.3541, 0.2597



24.3396, 0.4501, 0.3410



24.3396, 0.2628, 0.4168



24.3396, 0.1921, 0.2923

Sweetspot

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



24.3407, 0.3541, 0.2597



74.5553, 0.3224, 0.3086



19.9318, 0.2609, 0.2054



15.7465, 0.3242, 0.3051



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.



24.3407, 0.3541, 0.2597



37.1036, 0.3670, 0.2458



23.1375, 0.4096, 0.3141



9.6342, 0.3193, 0.3147



8.1804, 0.4416, 0.2206



0.3327, 0.4056, 0.2008

Inverse Universe

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



24.3407, 0.3541, 0.2597



37.1036, 0.3670, 0.2458



43.7319, 0.2610, 0.3454



9.6342, 0.3193, 0.3147



8.1804, 0.4416, 0.2206



0.3327, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 24.3396, 0.3541, 0.2597 looks on a white background.

Color Contrast Check

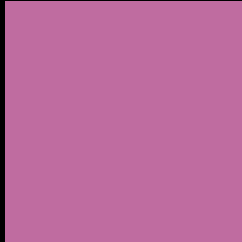
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.3396, 0.3541, 0.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

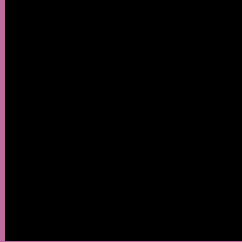
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3396, 0.3541, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 24.3396, 0.3541, 0.2597.



This preview shows how white text looks on a background with the Yxy color 24.3396, 0.3541, 0.2597.

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

24.3396, 0.3541, 0.2597

Protanopia

24.5496, 0.2619, 0.2585

Deuteranopia

24.3918, 0.2959, 0.2899



Tritanopia

24.2815, 0.3945, 0.3166

Trichromacy



Original Color

24.3396, 0.3541, 0.2597

Protanomaly

23.9034, 0.2907, 0.2583

Deuteranomaly

23.8693, 0.3163, 0.2769

Tritanomaly

24.0858, 0.3795, 0.2944

Monochromacy



Original Color

24.3396, 0.3541, 0.2597

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.8140, 0.3269, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3396, 0.3541, 0.2597 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, 108, 160)` looks like.

```
.text, #text, p{  
    color:rgb(191, 108, 160)  
}
```

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, 108, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 108, 160) }
```

Border

The CSS property to change the border of an element to Yxy 24.3396, 0.3541, 0.2597 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, 108, 160) }
```

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

```
.border{ border-color:rgb(191, 108, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 108, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 108, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 108, 160);  
box-shadow:4px 4px 4px 4px rgb(191, 108,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3396, 0.3541, 0.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 108, 160) }
```

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

```
.background{ background-color: rgb(191,  
108, 160) }
```

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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