

Converting Colors

$Y_{xy}(19.1167, 0.3599, 0.2504)$

Have a look what the booklet for
Yxy(19.1167, 0.3599, 0.2504)
contains.

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Color

Yxy(19.1725, 0.3602, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	B35B93
RGB	179, 91, 147
RGB Percent	70%, 36%, 58%
CMY	0.2980, 0.6432, 0.4235
CMYK	0.00, 0.49, 0.18, 0.30
HSL	322°, 37%, 53%
HSV	322°, 49%, 70%
XYZ	27.6017, 19.1725, 29.8545
YIQ	123.6960, 34.4720, 36.0720

Conversions

Conversions Part 2

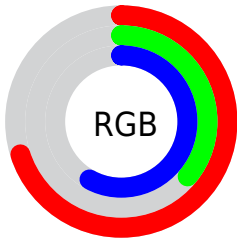
Format	Color
R _Y B	179, 91, 147
Decimal	11754387
CIE Lab	50.89, 42.80, -14.61
CIE LCh	51, 45.219, 341.155
Yxy	19.1725, 0.3602, 0.2502
Android (android.graphics.Color)	4289944467 (0xFFB35B93)
YUV	123.6960, 11.4889, 48.5016
Hunter-Lab	43.7864, 35.8949, -9.7747

Details

The Yxy color **19.1725, 0.3602, 0.2502** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **35.9009, 0.2848, 0.4258**, and the grayscale version is **20.0022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1681, 0.3507, 0.2667**, and **6.5807, 0.3782, 0.2232** is the 20% darker color. If you saturate the color by 10%, you get **16.2710, 0.3743, 0.2364**, and if you desaturate by 10%, it is **22.8174, 0.3476, 0.2658**.

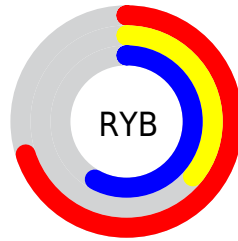
Distribution



Red (70%)

Green (36%)

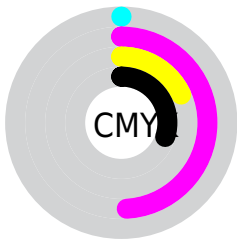
Blue (58%)



Red (70%)

Yellow (36%)

Blue (58%)

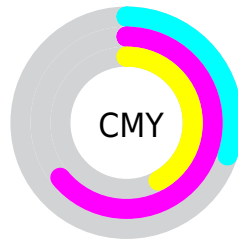


Cyan (0%)

Magenta (49%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1725, 0.3602, 0.2502 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 19.1725, 0.3602, 0.2502 by changing the saturation by 10% instead.


 19.1725, 0.3602,
0.2502


 19.1725, 0.3602,
0.2502


247.3994, 0.3343,
0.2926


 11.7950, 0.3674,
0.2386


 42.0254, 0.3502,
0.2664


 6.6042, 0.3772,
0.2231


 58.2695, 0.3467,
0.2722

 3.2159, 0.3911,
0.2013

 78.2380, 0.3437,
0.2770

 1.2454, 0.4124,
0.1690

 102.3153, 0.3413,
0.2811

 0.0984, 0.4872,
0.0408

130.8856, 0.3391,
0.2846

 0.0000, 1.0000,
0.0000

164.3335, 0.3373,

 0.0000, 0.0000,

0.2877

0.0000

203.0433, 0.3357,
0.2903

■ 19.1725, 0.3602,
0.2502

■ 19.1725, 0.3602,
0.2502

■ 16.2710, 0.3743,
0.2364

■ 22.8174, 0.3476,
0.2658

■ 14.0571, 0.3895,
0.2256

■ 27.2507, 0.3366,
0.2822

■ 12.4718, 0.4055,
0.2187


■ 32.5169, 0.3271,
0.2987


■ 11.4446, 0.4217,
0.2166

■ 38.6567, 0.3190,
0.3148

■ 10.8436, 0.4376,
0.2189

■ 45.7078, 0.3122,
0.3302

 10.7991, 0.4390,
0.2192

 53.7058, 0.3065,
0.3447

 62.6844, 0.3017,
0.3582

 72.6757, 0.2978,
0.3706

 83.7102, 0.2945,
0.3820

Harmonies

Analogous

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



19.1725, 0.2749, 0.2154



19.1725, 0.3602, 0.2502



19.1725, 0.4399, 0.3012

Triad

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



19.1725, 0.3602, 0.2502



19.1725, 0.4087, 0.4717



19.1725, 0.1707, 0.2618

Complementary

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



19.1725, 0.3602, 0.2502



35.9009, 0.2848, 0.4258

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.



19.1725, 0.1964, 0.3411



19.1725, 0.3602, 0.2502



19.1725, 0.3317, 0.4839

Square

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



19.1725, 0.3602, 0.2502



19.1725, 0.4645, 0.4214



19.1725, 0.2538, 0.4325



19.1725, 0.1760, 0.2165

Rectangle

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



19.1725, 0.3602, 0.2502



19.1725, 0.4720, 0.3403



19.1725, 0.2538, 0.4325



19.1725, 0.1756, 0.2848

Sweetspot

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



19.1734, 0.3602, 0.2502



62.3422, 0.3238, 0.3051



14.8590, 0.2509, 0.1876



13.3200, 0.3255, 0.3017



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.



19.1734, 0.3602, 0.2502



28.7626, 0.3755, 0.2354



18.0699, 0.4266, 0.3103



8.5932, 0.3191, 0.3146



7.6423, 0.4372, 0.2182



0.2512, 0.3971, 0.1961

Inverse Universe

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



19.1734, 0.3602, 0.2502



28.7626, 0.3755, 0.2354



37.2173, 0.2570, 0.3503



8.5932, 0.3191, 0.3146



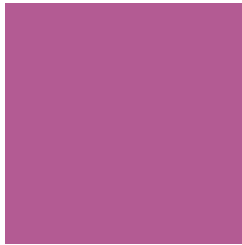
7.6423, 0.4372, 0.2182



0.2512, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 19.1725, 0.3602, 0.2502 looks on a white background.

Color Contrast Check

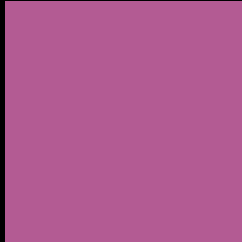
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1725, 0.3602, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

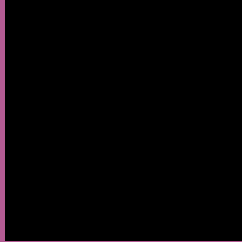
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1725, 0.3602, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 19.1725, 0.3602, 0.2502.



This preview shows how white text looks on a background with the Yxy color 19.1725, 0.3602, 0.2502.

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

19.1725, 0.3602, 0.2502

Protanopia

19.3859, 0.2513, 0.2455

Deuteranopia

19.4317, 0.2931, 0.2878



Tritanopia

19.0992, 0.4120, 0.3173

Trichromacy



Original Color

19.1725, 0.3602, 0.2502

Protanomaly

18.4619, 0.2841, 0.2441

Deuteranomaly

18.8802, 0.3155, 0.2707

Tritanomaly

19.0010, 0.3918, 0.2908

Monochromacy



Original Color

19.1725, 0.3602, 0.2502

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.1836, 0.3299, 0.2949

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1725, 0.3602, 0.2502 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, 91, 147)` looks like.

```
.text, #text, p{  
    color:rgb(179, 91, 147)  
}
```

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, 91, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 91, 147) }
```

Border

The CSS property to change the border of an element to Yxy 19.1725, 0.3602, 0.2502 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, 91, 147) }
```

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

```
.border{ border-color:rgb(179, 91, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 91, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 91, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 91, 147);  
box-shadow:4px 4px 4px 4px rgb(179, 91,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1725, 0.3602, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 91, 147) }
```

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

```
.background{ background-color: rgb(179, 91,  
147) }
```

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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