

Converting Colors

$Y_{xy}(14.1171, 0.3665, 0.1840)$

Have a look what the booklet for
Yxy(14.1171, 0.3665, 0.1840)
contains.

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Color

Yxy(14.0802, 0.3662, 0.1837)

Conversions

Conversions Part 1

Format	Color
Hex	BF13A0
RGB	191, 19, 160
RGB Percent	75%, 7%, 63%
CMY	0.2509, 0.9258, 0.3725
CMYK	0.00, 0.90, 0.16, 0.25
HSL	311°, 82%, 41%
HSV	311°, 90%, 75%
XYZ	28.0684, 14.0802, 34.4992
YIQ	86.5020, 57.2510, 80.3150

Conversions

Conversions Part 2

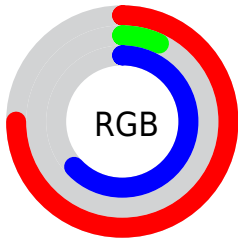
Format	Color
R_{YB}	191, 19, 160
Decimal	12522400
CIE _{Lab}	44.35, 72.84, -32.30
CIE _{LCh}	44, 79.684, 336.087
Yxy	14.0802, 0.3662, 0.1837
Android (android.graphics.Color)	4290712480 (0xFFBF13A0)
YUV	86.5020, 36.2345, 91.6447
Hunter-Lab	37.5236, 67.8554, -28.2447

Details

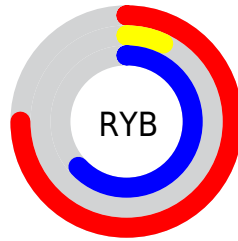
The Yxy color **14.0802, 0.3662, 0.1837** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **37.6389, 0.2935, 0.5671**, and the grayscale version is **9.3228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2442, 0.3565, 0.2118**, and **6.0693, 0.3734, 0.1831** is the 20% darker color. If you saturate the color by 10%, you get **13.4998, 0.3726, 0.1826**, and if you desaturate by 10%, it is **15.1280, 0.3594, 0.1886**.

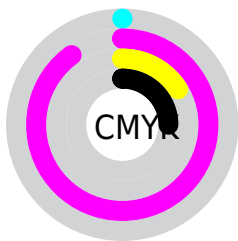
Distribution



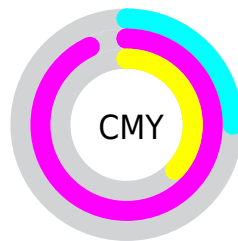
- Red (75%)
- Green (7%)
- Blue (63%)



- Red (75%)
- Yellow (7%)
- Blue (63%)



- Cyan (0%)
- Magenta (90%)
- Yellow (16%)
- Black (25%)





- Cyan (25%)
- Magenta (93%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0802, 0.3662, 0.1837 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 14.0802, 0.3662, 0.1837 by changing the saturation by 10% instead.


 14.0802, 0.3662,
0.1837


 14.0802, 0.3662,
0.1837


217.7292, 0.3392,
0.2593


 8.1765, 0.3727,
0.1645


 33.2313, 0.3565,
0.2115


 4.2081, 0.3806,
0.1402


 47.2474, 0.3528,
0.2219

 1.7906, 0.3902,
0.1088


 64.7364, 0.3497,
0.2306

 0.4813, 0.4038,
0.0618

 86.0828, 0.3470,
0.2381

 0.0000, 0.4179,
0.0000

 111.6708, 0.3447,
0.2445

 0.0000, 0.2611,
0.0000

 141.8850, 0.3426,

 0.0000, 0.0000,

0.2501

0.0000

177.1096, 0.3408,
0.2549

■ 14.0802, 0.3662,
0.1837

■ 14.0802, 0.3662,
0.1837

■ 13.4998, 0.3726,
0.1826

■ 15.1280, 0.3594,
0.1886

■ 16.8048, 0.3525,
0.1979

■ 19.1957, 0.3455,
0.2114

■ 22.3720, 0.3388,
0.2280

■ 26.3966, 0.3324,
0.2471

■ 31.3256, 0.3266,
0.2674

■ 37.2107, 0.3214,
0.2882

■ 44.0995, 0.3168,
0.3089

■ 52.0363, 0.3127,
0.3288

Harmonies

Analogous

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



14.0802, 0.2176, 0.1392



14.0802, 0.3662, 0.1837



14.0802, 0.5336, 0.2528

Triad

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



14.0802, 0.3662, 0.1837



14.0802, 0.4626, 0.5374



14.0802, 0.0856, 0.2113

Complementary

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



14.0802, 0.3662, 0.1837



37.6389, 0.2935, 0.5671

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.



14.0802, 0.1186, 0.3709



14.0802, 0.3662, 0.1837



14.0802, 0.3305, 0.6317

Square

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



14.0802, 0.3662, 0.1837



14.0802, 0.5702, 0.4222



14.0802, 0.2072, 0.5842



14.0802, 0.0914, 0.1431

Rectangle

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



14.0802, 0.3662, 0.1837



14.0802, 0.5993, 0.3041



14.0802, 0.2072, 0.5842



14.0802, 0.0913, 0.2523

Sweetspot

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



14.0809, 0.3662, 0.1837



58.7255, 0.3251, 0.2729



4.8449, 0.1659, 0.0741



12.1498, 0.3270, 0.2658



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.



14.0809, 0.3662, 0.1837



24.1388, 0.3736, 0.1832



12.0685, 0.5344, 0.2799



9.6660, 0.3164, 0.3104



8.8804, 0.3718, 0.1822



0.3557, 0.3576, 0.1744

Inverse Universe

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



14.0809, 0.3662, 0.1837



24.1388, 0.3736, 0.1832



39.1208, 0.2546, 0.4296



9.6660, 0.3164, 0.3104



8.8804, 0.3718, 0.1822



0.3557, 0.3576, 0.1744

Previews

White Background



This preview shows how the Yxy color 14.0802, 0.3662, 0.1837 looks on a white background.

Color Contrast Check

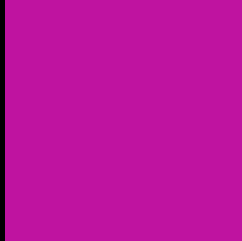
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0802, 0.3662, 0.1837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

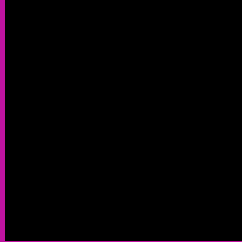
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0802, 0.3662, 0.1837

Background



This preview shows how black text looks on a background with the Yxy color 14.0802, 0.3662, 0.1837.



This preview shows how white text looks on a background with the Yxy color 14.0802, 0.3662, 0.1837.

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

14.0802, 0.3662, 0.1837

Protanopia

14.5647, 0.1737, 0.1454

Deuteranopia

14.4788, 0.2457, 0.2408



Tritanopia

14.2652, 0.5132, 0.3259

Trichromacy



Original Color

14.0802, 0.3662, 0.1837



Protanomaly

9.9312, 0.1886, 0.1261



Deuteranomaly

11.7427, 0.2805, 0.1934



Tritanomaly

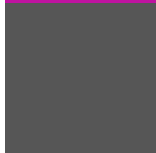
13.4926, 0.4655, 0.2655

Monochromacy



Original Color

14.0802, 0.3662, 0.1837



Achromatopsia

9.3059, 0.3127, 0.3290



Achromatomaly

8.9226, 0.3372, 0.2312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0802, 0.3662, 0.1837 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, 19, 160)` looks like.

```
.text, #text, p{  
    color:rgb(191, 19, 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, 19, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 19, 160) }
```

Border

The CSS property to change the border of an element to Yxy 14.0802, 0.3662, 0.1837 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, 19, 160) }
```

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

```
.border{ border-color:rgb(191, 19, 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, 19, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 19, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 19, 160); box-shadow:4px 4px 4px 4px rgb(191, 19, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0802, 0.3662, 0.1837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 19, 160) }
```

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

```
.background{ background-color: rgb(191, 19,  
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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