

Converting Colors

$Y_{xy}(10.6589, 0.3207, 0.1624)$

Have a look what the booklet for
Yxy(10.6589, 0.3207, 0.1624)
contains.

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Color

Yxy(10.6129, 0.3205, 0.1626)

Conversions

Conversions Part 1

Format	Color
Hex	9F1A9F
RGB	159, 26, 159
RGB Percent	62%, 10%, 62%
CMY	0.3766, 0.8976, 0.3765
CMYK	0.00, 0.84, 0.00, 0.38
HSL	300°, 72%, 36%
HSV	300°, 84%, 62%
XYZ	20.9190, 10.6129, 33.7381
YIQ	80.9290, 36.5750, 69.5590

Conversions

Conversions Part 2

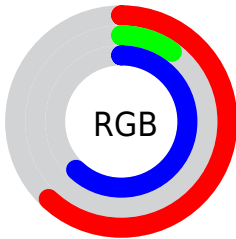
Format	Color
R_{YB}	159, 26, 159
Decimal	10427039
CIE _{Lab}	38.92, 65.16, -40.65
CIE _{LCh}	39, 76.794, 328.043
Yxy	10.6129, 0.3205, 0.1626
Android (android.graphics.Color)	4288617119 (0xFF9F1A9F)
YUV	80.9290, 38.4890, 68.4683
Hunter-Lab	32.5774, 57.6101, -38.5981

Details

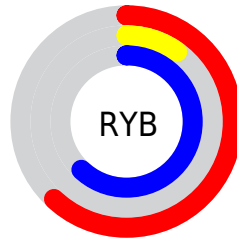
The Yxy color **10.6129, 0.3205, 0.1626** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **25.0860, 0.3009, 0.5802**, and the grayscale version is **8.1409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.9191, 0.3223, 0.1953**, and **3.9451, 0.3121, 0.1493** is the 20% darker color. If you saturate the color by 10%, you get **10.0914, 0.3208, 0.1567**, and if you desaturate by 10%, it is **11.5262, 0.3200, 0.1726**.

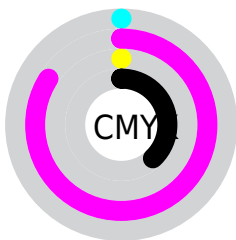
Distribution



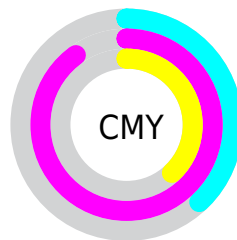
- Red (62%)
- Green (10%)
- Blue (62%)



- Red (62%)
- Yellow (10%)
- Blue (62%)



- Cyan (0%)
- Magenta (84%)
- Yellow (0%)
- Black (38%)




- Cyan (38%)
- Magenta (90%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6129, 0.3205, 0.1626 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 10.6129, 0.3205, 0.1626 by changing the saturation by 10% instead.


 10.6129, 0.3205,
0.1626


 10.6129, 0.3205,
0.1626


194.9922, 0.3207,
0.2505

 5.8072, 0.3183,
0.1403


 26.9421, 0.3220,
0.1952


 2.7282, 0.3137,
0.1122


 39.2344, 0.3221,
0.2073


 0.9915, 0.3040,
0.0771

 54.7909, 0.3220,
0.2174

 0.0000, 0.2931,
0.0000

 73.9962, 0.3218,
0.2261

 0.0000, 0.2083,
0.0000

 97.2346, 0.3215,
0.2335

 0.0000, 0.0000,
0.0000

 124.8904, 0.3213,

0.2399

157.3482, 0.3210,
0.2456

■ 10.6129, 0.3205,
0.1626

■ 10.6129, 0.3205,
0.1626

■ 10.0914, 0.3208,
0.1567

■ 11.5262, 0.3200,
0.1726

■ 9.8697, 0.3209,
0.1541

■ 12.8863, 0.3194,
0.1866

■ 14.7411, 0.3186,
0.2043

■ 17.1318, 0.3176,
0.2250

■ 20.0954, 0.3165,
0.2479

■ 23.6656, 0.3154,
0.2719

■ 27.8735, 0.3142,
0.2964

■ 32.7482, 0.3131,
0.3205

■ 38.3167, 0.3120,
0.3438

Harmonies

Analogous

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



10.6129, 0.1829, 0.1257



10.6129, 0.3205, 0.1626



10.6129, 0.5029, 0.2278

Triad

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



10.6129, 0.3205, 0.1626



10.6129, 0.4956, 0.5044



10.6129, 0.0820, 0.2373

Complementary

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



10.6129, 0.3205, 0.1626



25.0860, 0.3009, 0.5802

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.



10.6129, 0.1279, 0.4359



10.6129, 0.3205, 0.1626



10.6129, 0.3665, 0.6335

Square

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



10.6129, 0.3205, 0.1626



10.6129, 0.6015, 0.3934



10.6129, 0.2313, 0.6393



10.6129, 0.0797, 0.1475

Rectangle

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



10.6129, 0.3205, 0.1626



10.6129, 0.5937, 0.2788



10.6129, 0.2313, 0.6393



10.6129, 0.0912, 0.2901

Sweetspot

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



10.6134, 0.3205, 0.1626



41.0964, 0.3156, 0.2673



3.5692, 0.1623, 0.0815



8.7760, 0.3160, 0.2593



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



10.6134, 0.3205, 0.1626



17.6804, 0.3209, 0.1541



8.9341, 0.4487, 0.2397



6.7546, 0.3137, 0.3070



7.7975, 0.3209, 0.1541



0.1394, 0.3209, 0.1541

Inverse Universe

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



8.1874, 0.5984, 0.3298



13.2007, 0.6401, 0.3300



25.7545, 0.2700, 0.4736



6.6462, 0.3284, 0.3290



5.8218, 0.6401, 0.3300



0.1041, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 10.6129, 0.3205, 0.1626 looks on a white background.

Color Contrast Check

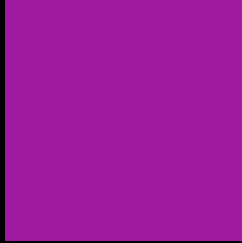
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.6129, 0.3205, 0.1626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

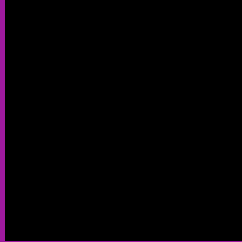
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6129, 0.3205, 0.1626

Background



This preview shows how black text looks on a background with the Yxy color 10.6129, 0.3205, 0.1626.



This preview shows how white text looks on a background with the Yxy color 10.6129, 0.3205, 0.1626.

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

10.6129, 0.3205, 0.1626

Protanopia

11.0300, 0.1747, 0.1488

Deuteranopia

10.9605, 0.2135, 0.2085



Tritanopia

10.7282, 0.4649, 0.3229

Trichromacy



Original Color

10.6129, 0.3205, 0.1626



Protanomaly

8.1685, 0.1868, 0.1283



Deuteranomaly

8.9890, 0.2386, 0.1703



Tritanomaly

10.0993, 0.4133, 0.2496

Monochromacy



Original Color

10.6129, 0.3205, 0.1626



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

7.6928, 0.3175, 0.2275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6129, 0.3205, 0.1626 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(159, 26, 159)` looks like.

```
.text, #text, p{  
  color:rgb(159, 26, 159)  
}
```

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(159, 26, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 26, 159) }
```

Border

The CSS property to change the border of an element to Yxy 10.6129, 0.3205, 0.1626 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(159, 26, 159) }
```

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

```
.border{ border-color:rgb(159, 26, 159) }
```

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

Here you see how a box with a 4 pixel rgb(159, 26, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 26, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 26, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 26,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6129, 0.3205, 0.1626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 26, 159) }
```

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

```
.background{ background-color: rgb(159, 26,  
159) }
```

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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