

Converting Colors

$Y_{xy}(10.8516, 0.3629, 0.2305)$

Have a look what the booklet for
Yxy(10.8516, 0.3629, 0.2305)
contains.

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Color

Yxy(10.9210, 0.3621, 0.2306)

Conversions

Conversions Part 1

Format	Color
Hex	933D79
RGB	147, 61, 121
RGB Percent	58%, 24%, 47%
CMY	0.4236, 0.7607, 0.5255
CMYK	0.00, 0.58, 0.18, 0.42
HSL	318°, 41%, 41%
HSV	318°, 58%, 58%
XYZ	17.1487, 10.9210, 19.2893
YIQ	93.5540, 31.9960, 36.8920

Conversions

Conversions Part 2

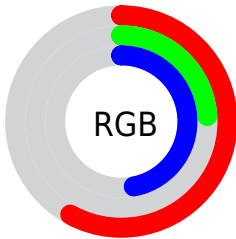
Format	Color
R_{YB}	147, 61, 121
Decimal	9649529
CIE _{Lab}	39.45, 43.54, -16.73
CIE _{LCh}	39, 46.639, 338.981
Yxy	10.9210, 0.3621, 0.2306
Android (android.graphics.Color)	4287839609 (0xFF933D79)
YUV	93.5540, 13.5309, 46.8721
Hunter-Lab	33.0469, 34.7951, -11.4744

Details

The Yxy color **10.9210, 0.3621, 0.2306** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.5414, 0.2858, 0.4577**, and the grayscale version is **11.0466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5239, 0.3511, 0.2538**, and **2.8167, 0.3826, 0.1892** is the 20% darker color. If you saturate the color by 10%, you get **9.4544, 0.3740, 0.2183**, and if you desaturate by 10%, it is **12.8238, 0.3510, 0.2456**.

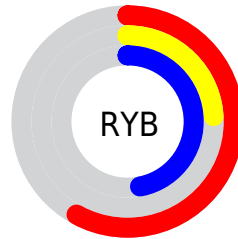
Distribution



Red (58%)

Green (24%)

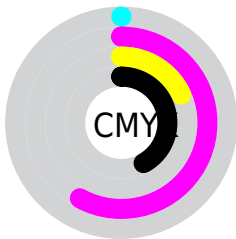
Blue (47%)



Red (58%)

Yellow (24%)

Blue (47%)

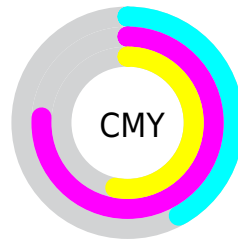


Cyan (0%)

Magenta (58%)

Yellow (18%)

Black (42%)



Cyan (42%)


Magenta (76%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.9210, 0.3621, 0.2306 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 10.9210, 0.3621, 0.2306 by changing the saturation by 10% instead.


 10.9210, 0.3621,
0.2306


 10.9210, 0.3621,
0.2306


197.1248, 0.3337,
0.2870


 6.0137, 0.3707,
0.2136


 27.5140, 0.3507,
0.2531


 2.8534, 0.3829,
0.1899

 39.9685, 0.3468,
0.2609


 1.0557, 0.4010,
0.1548

 55.7076, 0.3436,
0.2673

 0.0000, 0.4778,
0.0000

 75.1156, 0.3409,
0.2726

 0.0000, 0.0000,
0.0000

 98.5769, 0.3387,
0.2770

 126.4759, 0.3368,

0.2809

159.1971, 0.3351,
0.2841

■ 10.9210, 0.3621,
0.2306

■ 10.9210, 0.3621,
0.2306

■ 9.4544, 0.3740,
0.2183

■ 12.8238, 0.3510,
0.2456

■ 8.3863, 0.3865,
0.2096

■ 15.1932, 0.3409,
0.2624

■ 7.6751, 0.3991,
0.2053

■ 18.0589, 0.3320,
0.2800

■ 7.2329, 0.4115,
0.2051

■ 21.4474, 0.3243,
0.2976

■ 7.1708, 0.4135,
0.2051

■ 25.3836, 0.3176,
0.3149

■ 29.8906, 0.3119,
0.3315

■ 34.9903, 0.3071,
0.3470

■ 40.7033, 0.3031,
0.3616

■ 47.0492, 0.2997,
0.3750

Harmonies

Analogous

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



10.9210, 0.2586, 0.1922



10.9210, 0.3621, 0.2306



10.9210, 0.4646, 0.2881

Triad

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



10.9210, 0.3621, 0.2306



10.9210, 0.4293, 0.4956



10.9210, 0.1447, 0.2493

Complementary

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



10.9210, 0.3621, 0.2306



22.5414, 0.2858, 0.4577

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.



10.9210, 0.1750, 0.3500



10.9210, 0.3621, 0.2306



10.9210, 0.3373, 0.5257

Square

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



10.9210, 0.3621, 0.2306



10.9210, 0.4975, 0.4273



10.9210, 0.2439, 0.4692



10.9210, 0.1493, 0.1953

Rectangle

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



10.9210, 0.3621, 0.2306



10.9210, 0.5067, 0.3322



10.9210, 0.2439, 0.4692



10.9210, 0.1506, 0.2778

Sweetspot

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



10.9215, 0.3621, 0.2306



38.4932, 0.3242, 0.2978



7.4636, 0.2319, 0.1596



8.3933, 0.3262, 0.2931



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



10.9215, 0.3621, 0.2306



16.2992, 0.3777, 0.2153



10.0945, 0.4491, 0.3006



5.8796, 0.3180, 0.3137



6.2234, 0.4128, 0.2048



0.0814, 0.3628, 0.1772

Inverse Universe

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



10.9215, 0.3621, 0.2306



16.2992, 0.3777, 0.2153



23.4590, 0.2537, 0.3635



5.8796, 0.3180, 0.3137



6.2234, 0.4128, 0.2048



0.0814, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 10.9210, 0.3621, 0.2306 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 10.9210, 0.3621, 0.2306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

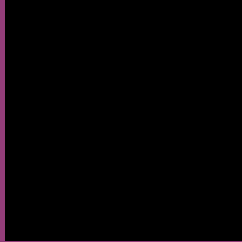
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9210, 0.3621, 0.2306

Background



This preview shows how black text looks on a background with the Yxy color 10.9210, 0.3621, 0.2306.



This preview shows how white text looks on a background with the Yxy color 10.9210, 0.3621, 0.2306.

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

10.9210, 0.3621, 0.2306

Protanopia

11.1945, 0.2305, 0.2180

Deuteranopia

11.1394, 0.2788, 0.2750



Tritanopia

11.0102, 0.4362, 0.3205

Trichromacy



Original Color

10.9210, 0.3621, 0.2306

Protanomaly

10.4291, 0.2667, 0.2181

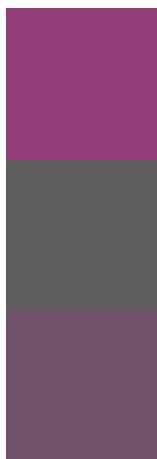
Deuteranomaly

10.5724, 0.3051, 0.2526

Tritanomaly

10.8538, 0.4087, 0.2854

Monochromacy



Original Color

10.9210, 0.3621, 0.2306

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5448, 0.3300, 0.2823

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9210, 0.3621, 0.2306 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(147, 61, 121)` looks like.

```
.text, #text, p{  
    color:rgb(147, 61, 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(147, 61, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 61, 121) }
```

Border

The CSS property to change the border of an element to Yxy 10.9210, 0.3621, 0.2306 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(147, 61, 121) }
```

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

```
.border{ border-color:rgb(147, 61, 121) }
```

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

Here you see how a box with a 4 pixel rgb(147, 61, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 61, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 61, 121);  
box-shadow:4px 4px 4px 4px rgb(147, 61,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9210, 0.3621, 0.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 61, 121) }
```

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

```
.background{ background-color: rgb(147, 61,  
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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