

Converting Colors

$Y_{xy}(11.2713, 0.3552, 0.2200)$

Have a look what the booklet for
Yxy(11.2713, 0.3552, 0.2200)
contains.

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Color

Yxy(11.2658, 0.3564, 0.2204)

Conversions

Conversions Part 1

Format	Color
Hex	973B80
RGB	151, 59, 128
RGB Percent	59%, 23%, 50%
CMY	0.4080, 0.7685, 0.4981
CMYK	0.00, 0.61, 0.15, 0.41
HSL	315°, 44%, 41%
HSV	315°, 61%, 59%
XYZ	18.2175, 11.2658, 21.6320
YIQ	94.3740, 32.6830, 40.9630

Conversions

Conversions Part 2

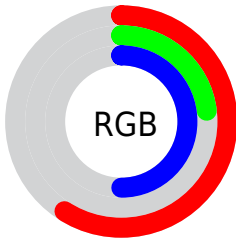
Format	Color
R_{YB}	151, 59, 128
Decimal	9911168
CIE _{Lab}	40.02, 46.80, -20.11
CIE _{LCh}	40, 50.935, 336.749
Yxy	11.2658, 0.3564, 0.2204
Android (android.graphics.Color)	4288101248 (0xFF973B80)
YUV	94.3740, 16.5776, 49.6610
Hunter-Lab	33.5646, 38.1445, -14.7165

Details

The Yxy color **11.2658, 0.3564, 0.2204** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **23.6631, 0.2887, 0.4747**, and the grayscale version is **11.2436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1899, 0.3463, 0.2449**, and **3.1059, 0.3706, 0.1815** is the 20% darker color. If you saturate the color by 10%, you get **9.8339, 0.3662, 0.2081**, and if you desaturate by 10%, it is **13.1514, 0.3472, 0.2358**.

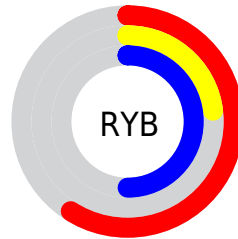
Distribution



Red (59%)

Green (23%)

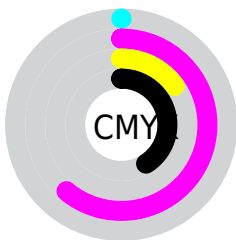
Blue (50%)



Red (59%)

Yellow (23%)

Blue (50%)

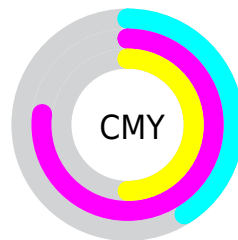


Cyan (0%)

Magenta (61%)

Yellow (15%)

Black (41%)



Cyan (41%)


Magenta (77%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2658, 0.3564, 0.2204 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 11.2658, 0.3564, 0.2204 by changing the saturation by 10% instead.


 11.2658, 0.3564,
0.2204

 11.2658, 0.3564,
0.2204


 199.4821, 0.3320,
0.2817


 6.2459, 0.3633,
0.2025


 28.1506, 0.3469,
0.2445


 2.9952, 0.3727,
0.1779


 40.7844, 0.3435,
0.2530


 1.1292, 0.3858,
0.1426

 56.7249, 0.3408,
0.2600

 0.0027, 0.4437,
0.0010

 76.3565, 0.3384,
0.2658

 0.0000, 0.3134,
0.0000

 100.0636, 0.3365,
0.2707

 0.0000, 0.0000,
0.0000

 128.2307, 0.3348,

0.2749

161.2420, 0.3333,
0.2785

■ 11.2658, 0.3564,
0.2204

■ 11.2658, 0.3564,
0.2204

■ 9.8339, 0.3662,
0.2081

■ 13.1514, 0.3472,
0.2358

■ 8.8141, 0.3761,
0.1996

■ 15.5241, 0.3386,
0.2532

■ 8.1600, 0.3860,
0.1956

■ 18.4164, 0.3309,
0.2718

■ 7.7736, 0.3949,
0.1949

■ 21.8572, 0.3241,
0.2907

■ 25.8734, 0.3182,
0.3094

■ 30.4901, 0.3131,
0.3274

■ 35.7309, 0.3088,
0.3445

■ 41.6181, 0.3051,
0.3605

■ 48.1730, 0.3020,
0.3753

Harmonies

Analogous

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



11.2658, 0.2472, 0.1821



11.2658, 0.3564, 0.2204



11.2658, 0.4697, 0.2793

Triad

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



11.2658, 0.3564, 0.2204



11.2658, 0.4409, 0.5002



11.2658, 0.1355, 0.2485

Complementary

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



11.2658, 0.3564, 0.2204



23.6631, 0.2887, 0.4747

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.



11.2658, 0.1693, 0.3605



11.2658, 0.3564, 0.2204



11.2658, 0.3439, 0.5424

Square

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



11.2658, 0.3564, 0.2204



11.2658, 0.5125, 0.4242



11.2658, 0.2443, 0.4905



11.2658, 0.1383, 0.1889

Rectangle

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



11.2658, 0.3564, 0.2204



11.2658, 0.5182, 0.3249



11.2658, 0.2443, 0.4905



11.2658, 0.1423, 0.2800

Sweetspot

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



11.2663, 0.3564, 0.2204



40.8849, 0.3226, 0.2955



7.0922, 0.2202, 0.1488



8.8739, 0.3242, 0.2904



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



11.2663, 0.3564, 0.2204



16.8866, 0.3697, 0.2046



10.3413, 0.4455, 0.2897



6.2972, 0.3173, 0.3125



6.6210, 0.3943, 0.1946



0.1046, 0.3562, 0.1736

Inverse Universe

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



11.2663, 0.3564, 0.2204



16.8866, 0.3697, 0.2046



24.5717, 0.2564, 0.3781



6.2972, 0.3173, 0.3125



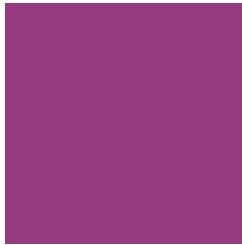
6.6210, 0.3943, 0.1946



0.1046, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 11.2658, 0.3564, 0.2204 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 11.2658, 0.3564, 0.2204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

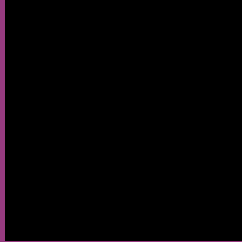
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2658, 0.3564, 0.2204

Background



This preview shows how black text looks on a background with the Yxy color 11.2658, 0.3564, 0.2204.



This preview shows how white text looks on a background with the Yxy color 11.2658, 0.3564, 0.2204.

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

11.2658, 0.3564, 0.2204

Protanopia

11.4974, 0.2190, 0.2037

Deuteranopia

11.4324, 0.2693, 0.2630



Tritanopia

11.2815, 0.4410, 0.3207

Trichromacy



Original Color

11.2658, 0.3564, 0.2204

Protanomaly

10.5818, 0.2542, 0.2038

Deuteranomaly

10.8103, 0.2966, 0.2406

Tritanomaly

11.1547, 0.4099, 0.2800

Monochromacy



Original Color

11.2658, 0.3564, 0.2204

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.5703, 0.3303, 0.2767

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2658, 0.3564, 0.2204 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(151, 59, 128)` looks like.

```
.text, #text, p{  
    color:rgb(151, 59, 128)  
}
```

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(151, 59, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 59, 128) }
```

Border

The CSS property to change the border of an element to Yxy 11.2658, 0.3564, 0.2204 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(151, 59, 128) }
```

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

```
.border{ border-color:rgb(151, 59, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 59, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 59, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 59, 128);  
box-shadow:4px 4px 4px 4px rgb(151, 59,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2658, 0.3564, 0.2204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 59, 128) }
```

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

```
.background{ background-color: rgb(151, 59,  
128) }
```

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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