

Converting Colors

$Y_{xy}(11.6710, 0.4016, 0.2557)$

Have a look what the booklet for
Yxy(11.6710, 0.4016, 0.2557)
contains.

Yxy(11.7175, 0.4009, 0.2555)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.7175, 0.4009, 0.2555)

Conversions

Conversions Part 1

Format	Color
Hex	9D3E6D
RGB	157, 62, 109
RGB Percent	62%, 24%, 43%
CMY	0.3844, 0.7568, 0.5726
CMYK	0.00, 0.60, 0.31, 0.38
HSL	330°, 43%, 43%
HSV	330°, 60%, 62%
XYZ	18.3857, 11.7175, 15.7579
YIQ	95.7630, 41.5330, 34.7570

Conversions

Conversions Part 2

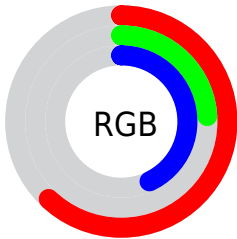
Format	Color
R_{YB}	157, 62, 109
Decimal	10305133
CIE _{Lab}	40.76, 44.50, -7.14
CIE _{LCh}	41, 45.066, 350.888
Yxy	11.7175, 0.4009, 0.2555
Android (android.graphics.Color)	4288495213 (0xFF9D3E6D)
YUV	95.7630, 6.5258, 53.7048
Hunter-Lab	34.2308, 35.9700, -3.3320

Details

The Yxy color **11.7175, 0.4009, 0.2555** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **26.2614, 0.2717, 0.4232**, and the grayscale version is **11.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8688, 0.3794, 0.2732**, and **3.1726, 0.4422, 0.2210** is the 20% darker color. If you saturate the color by 10%, you get **10.0867, 0.4237, 0.2479**, and if you desaturate by 10%, it is **13.8582, 0.3802, 0.2659**.

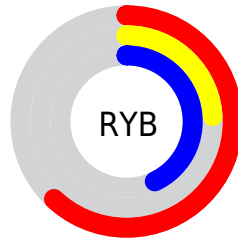
Distribution



Red (62%)

Green (24%)

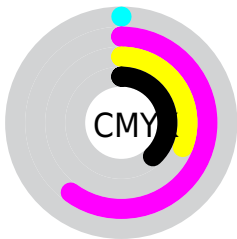
Blue (43%)



Red (62%)

Yellow (24%)

Blue (43%)

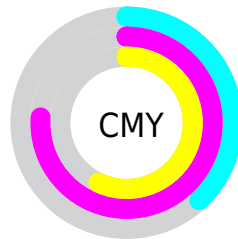


Cyan (0%)

Magenta (60%)

Yellow (31%)

Black (38%)



Cyan (38%)


Magenta (76%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.7175, 0.4009, 0.2555 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 11.7175, 0.4009, 0.2555 by changing the saturation by 10% instead.


 11.7175, 0.4009,
0.2555


 11.7175, 0.4009,
0.2555


202.5260, 0.3480,
0.2986

 6.5516, 0.4183,
0.2419


 28.9795, 0.3789,
0.2730


 3.1833, 0.4441,
0.2224

 41.8445, 0.3716,
0.2790


 1.2282, 0.4859,
0.1921

 58.0446, 0.3657,
0.2839

 0.0845, 0.6418,
0.0448

 77.9642, 0.3609,
0.2878

 0.0000, 1.0000,
0.0000

 101.9878, 0.3568,
0.2912

 0.0000, 0.0000,
0.0000

130.4996, 0.3534,

0.2940

163.8843, 0.3505,
0.2965

■ 11.7175, 0.4009,
0.2555

■ 11.7175, 0.4009,
0.2555

■ 10.0867, 0.4237,
0.2479

■ 13.8582, 0.3802,
0.2659

■ 8.9198, 0.4480,
0.2442

■ 16.5459, 0.3621,
0.2781

■ 8.1654, 0.4725,
0.2455

■ 19.8164, 0.3465,
0.2909

■ 7.7121, 0.4956,
0.2504

■ 23.7020, 0.3333,
0.3039

■ 28.2324, 0.3223,
0.3165

■ 33.4354, 0.3131,
0.3284

■ 39.3374, 0.3055,
0.3396

■ 45.9631, 0.2992,
0.3500

■ 53.3361, 0.2940,
0.3596

Harmonies

Analogous

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



11.7175, 0.2982, 0.2101



11.7175, 0.4009, 0.2555



11.7175, 0.4834, 0.3158

Triad

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



11.7175, 0.4009, 0.2555



11.7175, 0.3922, 0.5059



11.7175, 0.1499, 0.2284

Complementary

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



11.7175, 0.4009, 0.2555



26.2614, 0.2717, 0.4232

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.



11.7175, 0.1656, 0.3070



11.7175, 0.4009, 0.2555



11.7175, 0.3011, 0.5032

Square

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



11.7175, 0.4009, 0.2555



11.7175, 0.4683, 0.4519



11.7175, 0.2180, 0.4187



11.7175, 0.1666, 0.1915

Rectangle

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



11.7175, 0.4009, 0.2555



11.7175, 0.5062, 0.3602



11.7175, 0.2180, 0.4187



11.7175, 0.1513, 0.2496

Sweetspot

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



11.7181, 0.4009, 0.2555



44.0990, 0.3308, 0.3066



9.1643, 0.2520, 0.1629



9.2473, 0.3340, 0.3031



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.7181, 0.4009, 0.2555



17.1553, 0.4331, 0.2459



10.9622, 0.4959, 0.3295



6.6981, 0.3211, 0.3180



6.2720, 0.4939, 0.2494



0.1207, 0.4112, 0.2039

Inverse Universe

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



11.7181, 0.4009, 0.2555



17.1553, 0.4331, 0.2459



27.5693, 0.2400, 0.3288



6.6981, 0.3211, 0.3180



6.2720, 0.4939, 0.2494



0.1207, 0.4112, 0.2039

Previews

White Background



This preview shows how the Yxy color 11.7175, 0.4009, 0.2555 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 11.7175, 0.4009, 0.2555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

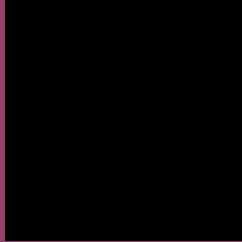
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.7175, 0.4009, 0.2555

Background



This preview shows how black text looks on a background with the Yxy color 11.7175, 0.4009, 0.2555.



This preview shows how white text looks on a background with the Yxy color 11.7175, 0.4009, 0.2555.

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

11.7175, 0.4009, 0.2555

Protanopia

12.0101, 0.2555, 0.2518

Deuteranopia

11.8884, 0.3122, 0.3069



Tritanopia

11.7448, 0.4607, 0.3230

Trichromacy



Original Color

11.7175, 0.4009, 0.2555

Protanomaly

11.2406, 0.2981, 0.2484

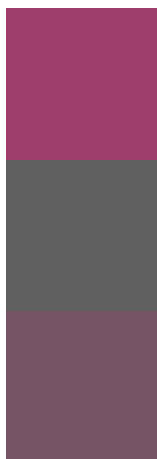
Deuteranomaly

11.2861, 0.3433, 0.2810

Tritanomaly

11.6710, 0.4391, 0.2971

Monochromacy



Original Color

11.7175, 0.4009, 0.2555

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

11.1318, 0.3428, 0.2937

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.7175, 0.4009, 0.2555 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(157, 62, 109)` looks like.

```
.text, #text, p{  
  color:rgb(157, 62, 109)  
}
```

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(157, 62, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 62, 109) }
```

Border

The CSS property to change the border of an element to Yxy 11.7175, 0.4009, 0.2555 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(157, 62, 109) }
```

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

```
.border{ border-color:rgb(157, 62, 109) }
```

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

Here you see how a box with a 4 pixel rgb(157, 62, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 62, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 62, 109);  
box-shadow:4px 4px 4px 4px rgb(157, 62,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 11.7175, 0.4009, 0.2555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 62, 109) }
```

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

```
.background{ background-color: rgb(157, 62,  
109) }
```

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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