

Converting Colors

$Y_{xy}(14.2653, 0.3795, 0.2602)$

Have a look what the booklet for
Yxy(14.2653, 0.3795, 0.2602)
contains.

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Color

Yxy(14.2653, 0.3795, 0.2602)

Conversions

Conversions Part 1

Format	Color
Hex	A14D79
RGB	161, 77, 121
RGB Percent	63%, 30%, 47%
CMY	0.3686, 0.6981, 0.5254
CMYK	0.00, 0.52, 0.25, 0.37
HSL	329°, 35%, 47%
HSV	329°, 52%, 63%
XYZ	20.8058, 14.2653, 19.7532
YIQ	107.1320, 35.9400, 31.4920

Conversions

Conversions Part 2

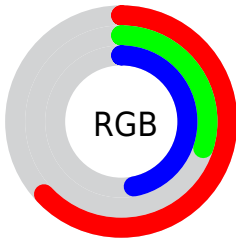
Format	Color
RYB	161, 77, 121
Decimal	10571129
CIELab	44.61, 40.08, -8.72
CIELCh	45, 41.020, 347.729
Yxy	14.2653, 0.3795, 0.2602
Android (android.graphics.Color)	4288761209 (0xFFA14D79)
YUV	107.1320, 6.8369, 47.2422
Hunter-Lab	37.7694, 32.2328, -4.5698

Details

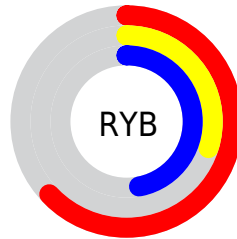
The Yxy color **14.2653, 0.3795, 0.2602** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28.3553, 0.2769, 0.4129**, and the grayscale version is **14.7148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6231, 0.3643, 0.2765**, and **4.2889, 0.4114, 0.2327** is the 20% darker color. If you saturate the color by 10%, you get **12.1045, 0.3991, 0.2495**, and if you desaturate by 10%, it is **17.0001, 0.3621, 0.2728**.

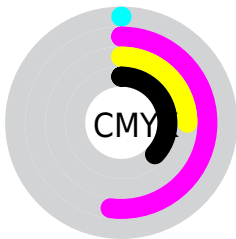
Distribution



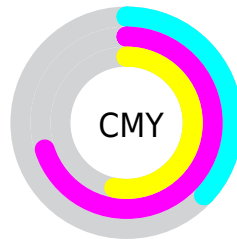
- Red (63%)
- Green (30%)
- Blue (47%)



- Red (63%)
- Yellow (30%)
- Blue (47%)



- Cyan (0%)
- Magenta (52%)
- Yellow (25%)
- Black (37%)





- Cyan (37%)
- Magenta (70%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2653, 0.3795, 0.2602 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 14.2653, 0.3795, 0.2602 by changing the saturation by 10% instead.


 14.2653, 0.3795,
0.2602


 14.2653, 0.3795,
0.2602


218.8751, 0.3406,
0.2994


 8.3054, 0.3916,
0.2484


 33.5590, 0.3637,
0.2758

 4.2910, 0.4091,
0.2319

 47.6617, 0.3583,
0.2812

 1.8376, 0.4362,
0.2071

 65.2473, 0.3540,
0.2857

 0.5105, 0.4909,
0.1538

 86.7004, 0.3504,
0.2894

 0.0000, 1.0000,
0.0000

 112.4054, 0.3474,
0.2925

 0.0000, 0.0000,
0.0000

142.7465, 0.3448,

0.2951

178.1083, 0.3426,
0.2974

■ 14.2653, 0.3795,
0.2602

■ 14.2653, 0.3795,
0.2602

■ 12.1045, 0.3991,
0.2495

■ 17.0001, 0.3621,
0.2728

■ 10.4734, 0.4207,
0.2419

■ 20.3447, 0.3470,
0.2863

■ 9.3243, 0.4433,
0.2384

■ 24.3345, 0.3342,
0.3001

■ 8.6002, 0.4660,
0.2400

■ 29.0017, 0.3235,
0.3135

■ 8.2243, 0.4837,
0.2438

■ 34.3762, 0.3145,
0.3263

■ 40.4860, 0.3070,
0.3383

■ 47.3577, 0.3008,
0.3495

■ 55.0166, 0.2956,
0.3598

■ 63.4867, 0.2914,
0.3693

Harmonies

Analogous

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



14.2653, 0.2924, 0.2212



14.2653, 0.3795, 0.2602



14.2653, 0.4530, 0.3138

Triad

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



14.2653, 0.3795, 0.2602



14.2653, 0.3930, 0.4790



14.2653, 0.1692, 0.2488

Complementary

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



14.2653, 0.3795, 0.2602



28.3553, 0.2769, 0.4129

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.



14.2653, 0.1878, 0.3213



14.2653, 0.3795, 0.2602



14.2653, 0.3139, 0.4784

Square

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



14.2653, 0.3795, 0.2602



14.2653, 0.4552, 0.4340



14.2653, 0.2388, 0.4141



14.2653, 0.1810, 0.2109

Rectangle

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



14.2653, 0.3795, 0.2602



14.2653, 0.4775, 0.3536



14.2653, 0.2388, 0.4141



14.2653, 0.1719, 0.2691

Sweetspot

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



14.2660, 0.3795, 0.2602



48.3393, 0.3277, 0.3080



11.6071, 0.2589, 0.1842



10.2516, 0.3297, 0.3054



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.



14.2660, 0.3795, 0.2602



21.0170, 0.4033, 0.2477



13.4611, 0.4538, 0.3251



7.1451, 0.3207, 0.3173



6.5758, 0.4820, 0.2429



0.1477, 0.4098, 0.2031

Inverse Universe

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



14.2660, 0.3795, 0.2602



21.0170, 0.4033, 0.2477



29.5473, 0.2485, 0.3338



7.1451, 0.3207, 0.3173



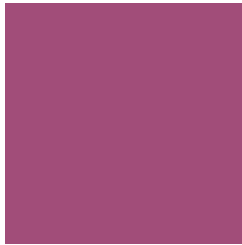
6.5758, 0.4820, 0.2429



0.1477, 0.4098, 0.2031

Previews

White Background



This preview shows how the Yxy color 14.2653, 0.3795, 0.2602 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 14.2653, 0.3795, 0.2602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

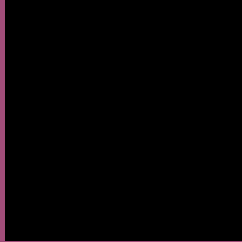
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2653, 0.3795, 0.2602

Background



This preview shows how black text looks on a background with the Yxy color 14.2653, 0.3795, 0.2602.



This preview shows how white text looks on a background with the Yxy color 14.2653, 0.3795, 0.2602.

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

14.2653, 0.3795, 0.2602

Protanopia

14.4834, 0.2612, 0.2590

Deuteranopia

14.3644, 0.3057, 0.3004



Tritanopia

14.3479, 0.4258, 0.3196

Trichromacy



Original Color

14.2653, 0.3795, 0.2602

Protanomaly

13.8709, 0.2978, 0.2570

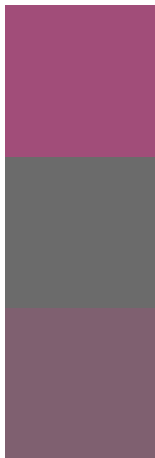
Deuteranomaly

13.9805, 0.3313, 0.2837

Tritanomaly

14.1954, 0.4098, 0.2969

Monochromacy



Original Color

14.2653, 0.3795, 0.2602

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0476, 0.3366, 0.2982

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2653, 0.3795, 0.2602 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(161, 77, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 77, 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(161, 77, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 77, 121) }
```

Border

The CSS property to change the border of an element to Yxy 14.2653, 0.3795, 0.2602 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(161, 77, 121) }
```

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

```
.border{ border-color:rgb(161, 77, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 77, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 77, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 77, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 77,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2653, 0.3795, 0.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 77, 121) }
```

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

```
.background{ background-color: rgb(161, 77,  
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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