

Converting Colors

$Y_{xy}(14.8762, 0.3260, 0.2501)$

Have a look what the booklet for
Yxy(14.8762, 0.3260, 0.2501)
contains.

Yxy(14.9295, 0.3265, 0.2509)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.9295, 0.3265, 0.2509)

Conversions

Conversions Part 1

Format	Color
Hex	8F5A88
RGB	143, 90, 136
RGB Percent	56%, 35%, 53%
CMY	0.4392, 0.6471, 0.4667
CMYK	0.00, 0.37, 0.05, 0.44
HSL	308°, 23%, 46%
HSV	308°, 37%, 56%
XYZ	19.4280, 14.9295, 25.1463
YIQ	111.0910, 16.8220, 25.5420

Conversions

Conversions Part 2

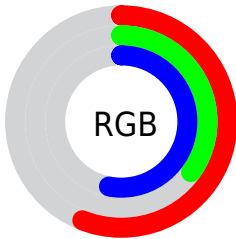
Format	Color
R_{YB}	143, 90, 136
Decimal	9394824
CIE _{Lab}	45.54, 29.28, -16.61
CIE _{LCh}	46, 33.666, 330.442
Yxy	14.9295, 0.3265, 0.2509
Android (android.graphics.Color)	4287584904 (0xFF8F5A88)
YUV	111.0910, 12.2801, 27.9842
Hunter-Lab	38.6387, 22.1341, -11.5392

Details

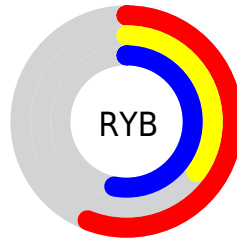
The Yxy color **14.9295, 0.3265, 0.2509** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.6842, 0.3015, 0.4223**, and the grayscale version is **15.8845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.7296, 0.3247, 0.2685**, and **4.5520, 0.3296, 0.2199** is the 20% darker color. If you saturate the color by 10%, you get **12.6920, 0.3311, 0.2309**, and if you desaturate by 10%, it is **17.6335, 0.3222, 0.2720**.

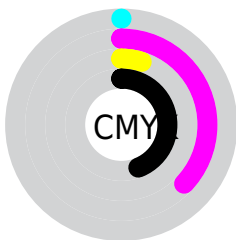
Distribution



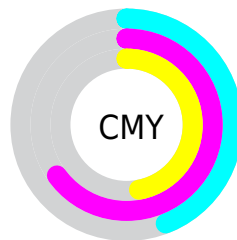
- Red (56%)
- Green (35%)
- Blue (53%)



- Red (56%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (44%)





- Cyan (44%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9295, 0.3265, 0.2509 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 14.9295, 0.3265, 0.2509 by changing the saturation by 10% instead.


 14.9295, 0.3265,
0.2509


 14.9295, 0.3265,
0.2509


222.9391, 0.3194,
0.2946

 8.7699, 0.3282,
0.2382


 34.7295, 0.3239,
0.2681


 4.5914, 0.3303,
0.2206


 49.1386, 0.3230,
0.2741


 2.0096, 0.3327,
0.1950

 67.0664, 0.3221,
0.2791

 0.6130, 0.3369,
0.1491

 88.8973, 0.3214,
0.2832

 0.0000, 0.2825,
0.0000

 115.0156, 0.3208,
0.2867

 0.0000, 0.0000,
0.0000

145.8057, 0.3203,

0.2897

181.6521, 0.3198,
0.2923

■ 14.9295, 0.3265,
0.2509

■ 14.9295, 0.3265,
0.2509

■ 12.6920, 0.3311,
0.2309

■ 17.6335, 0.3222,
0.2720

■ 10.8922, 0.3360,
0.2128

■ 20.8265, 0.3184,
0.2934

■ 9.5013, 0.3410,
0.1975


■ 24.5321, 0.3149,
0.3145


■ 8.4864, 0.3459,
0.1859


■ 28.7717, 0.3119,
0.3349


■ 7.8091, 0.3507,
0.1784

■ 33.5654, 0.3092,
0.3541


 7.4026, 0.3553,
0.1747

 38.9325, 0.3069,
0.3722

 7.2974, 0.3566,
0.1738

 44.8911, 0.3050,
0.3889

 51.4587, 0.3033,
0.4042

 58.6520, 0.3019,
0.4183

Harmonies

Analogous

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



14.9295, 0.2607, 0.2275



14.9295, 0.3265, 0.2509



14.9295, 0.3953, 0.2906

Triad

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



14.9295, 0.3265, 0.2509



14.9295, 0.4131, 0.4359



14.9295, 0.1990, 0.2964

Complementary

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



14.9295, 0.3265, 0.2509



22.6842, 0.3015, 0.4223

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.



14.9295, 0.2318, 0.3664



14.9295, 0.3265, 0.2509



14.9295, 0.3546, 0.4554

Square

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



14.9295, 0.3265, 0.2509



14.9295, 0.4466, 0.3916



14.9295, 0.2881, 0.4306



14.9295, 0.1935, 0.2472

Rectangle

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



14.9295, 0.3265, 0.2509



14.9295, 0.4299, 0.3229



14.9295, 0.2881, 0.4306



14.9295, 0.2069, 0.3182

Sweetspot

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



14.9302, 0.3265, 0.2509



41.0490, 0.3163, 0.3058



11.7929, 0.2549, 0.2233



9.2310, 0.3167, 0.3033



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.9302, 0.3265, 0.2509



23.5149, 0.3301, 0.2350



14.2857, 0.3654, 0.2930



5.4989, 0.3156, 0.3101



6.4538, 0.3564, 0.1737



0.0639, 0.3370, 0.1630

Inverse Universe

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



14.9302, 0.3265, 0.2509



23.5149, 0.3301, 0.2350



23.2431, 0.2791, 0.3687



5.4989, 0.3156, 0.3101



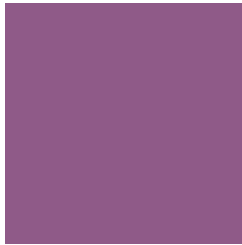
6.4538, 0.3564, 0.1737



0.0639, 0.3370, 0.1630

Previews

White Background



This preview shows how the Yxy color 14.9295, 0.3265, 0.2509 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 14.9295, 0.3265, 0.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

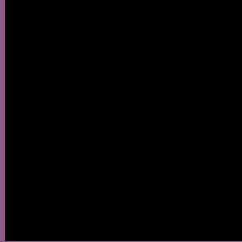
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9295, 0.3265, 0.2509

Background



This preview shows how black text looks on a background with the Yxy color 14.9295, 0.3265, 0.2509.



This preview shows how white text looks on a background with the Yxy color 14.9295, 0.3265, 0.2509.

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

14.9295, 0.3265, 0.2509

Protanopia

15.1403, 0.2542, 0.2495

Deuteranopia

15.0657, 0.2803, 0.2755



Tritanopia

14.8542, 0.3669, 0.3145

Trichromacy



Original Color

14.9295, 0.3265, 0.2509

Protanomaly

14.8317, 0.2763, 0.2484

Deuteranomaly

14.7575, 0.2953, 0.2647

Tritanomaly

14.8418, 0.3506, 0.2896

Monochromacy



Original Color

14.9295, 0.3265, 0.2509

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2675, 0.3184, 0.2963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9295, 0.3265, 0.2509 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(143, 90, 136)` looks like.

```
.text, #text, p{  
  color:rgb(143, 90, 136)  
}
```

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(143, 90, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 90, 136) }
```

Border

The CSS property to change the border of an element to Yxy 14.9295, 0.3265, 0.2509 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(143, 90, 136) }
```

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

```
.border{ border-color:rgb(143, 90, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 90, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 90, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 90, 136);  
box-shadow:4px 4px 4px 4px rgb(143, 90,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9295, 0.3265, 0.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 90, 136) }
```

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

```
.background{ background-color: rgb(143, 90,  
136) }
```

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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