

Converting Colors

$Yxy(24.4635, 0.3084, 0.2753)$

Have a look what the booklet for
Yxy(24.4635, 0.3084, 0.2753)
contains.

Yxy(24.4635, 0.3084, 0.2753)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4635, 0.3084, 0.2753)

Conversions

Conversions Part 1

Format	Color
Hex	9B7EA1
RGB	155, 126, 161
RGB Percent	61%, 49%, 63%
CMY	0.3923, 0.5058, 0.3686
CMYK	0.04, 0.22, 0.00, 0.37
HSL	290°, 16%, 56%
HSV	290°, 22%, 63%
XYZ	27.4048, 24.4635, 36.9929
YIQ	138.6610, 6.0490, 17.0330

Conversions

Conversions Part 2

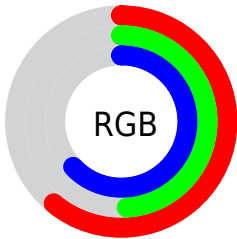
Format	Color
R_{YB}	155, 126, 161
Decimal	10190497
CIE _{Lab}	56.55, 17.61, -14.47
CIE _{LCh}	57, 22.792, 320.583
Yxy	24.4635, 0.3084, 0.2753
Android (android.graphics.Color)	4288380577 (0xFF9B7EA1)
YUV	138.6610, 11.0131, 14.3293
Hunter-Lab	49.4606, 12.3461, -9.7222

Details

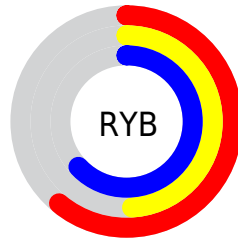
The Yxy color $24.4635, 0.3084, 0.2753$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $31.9050, 0.3157, 0.3869$, and the grayscale version is $25.6362, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8997, 0.3097, 0.2861$, and $9.2954, 0.3059, 0.2583$ is the 20% darker color. If you saturate the color by 10%, you get $20.4007, 0.3057, 0.2496$, and if you desaturate by 10%, it is $29.1974, 0.3106, 0.3006$.

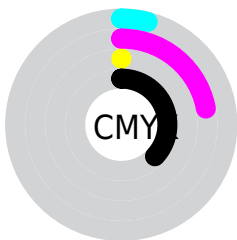
Distribution



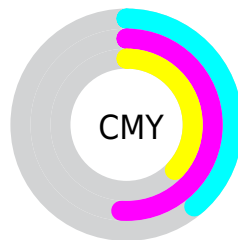
- Red (61%)
- Green (49%)
- Blue (63%)



- Red (61%)
- Yellow (49%)
- Blue (63%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (37%)




- Cyan (39%)
- Magenta (51%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4635, 0.3084, 0.2753 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 24.4635, 0.3084, 0.2753 by changing the saturation by 10% instead.


 24.4635, 0.3084,
0.2753


 24.4635, 0.3084,
0.2753


275.1555, 0.3112,
0.3039


 15.6778, 0.3074,
0.2675


 50.7855, 0.3096,
0.2861

 9.2964, 0.3060,
0.2572


 69.0906, 0.3100,
0.2901

 4.9350, 0.3037,
0.2427


 91.3377, 0.3103,
0.2934

 2.2092, 0.2997,
0.2211

117.9110, 0.3106,
0.2961

 0.7250, 0.2918,
0.1839

149.1951, 0.3108,
0.2985

 0.0000, 0.1007,
0.0000

185.5742, 0.3109,

 0.0000, 0.0000,

0.3005

0.0000

227.4329, 0.3111,
0.3023

■ 24.4635, 0.3084,
0.2753

■ 24.4635, 0.3084,
0.2753

■ 20.4007, 0.3057,
0.2496

■ 29.1974, 0.3106,
0.3006

■ 16.9741, 0.3025,
0.2244

■ 34.6288, 0.3124,
0.3249

■ 14.1505, 0.2989,
0.2005

■ 40.7865, 0.3139,
0.3479

■ 11.8924, 0.2950,
0.1789

■ 47.6968, 0.3150,
0.3693

■ 10.1582, 0.2907,
0.1606

■ 55.3846, 0.3158,
0.3890

■ 8.9001, 0.2862,
0.1463

■ 63.8737, 0.3163,
0.4070

■ 8.0620, 0.2817,
0.1364

■ 73.1868, 0.3167,
0.4233

■ 7.5761, 0.2780,
0.1305

■ 83.3459, 0.3170,
0.4380

■ 83.7927, 0.3186,
0.4376

Harmonies

Analogous

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



24.4635, 0.2719, 0.2651



24.4635, 0.3084, 0.2753



24.4635, 0.3484, 0.2976

Triad

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



24.4635, 0.3084, 0.2753



24.4635, 0.3809, 0.3867



24.4635, 0.2496, 0.3246

Complementary

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



24.4635, 0.3084, 0.2753



31.9050, 0.3157, 0.3869

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.



24.4635, 0.2759, 0.3631



24.4635, 0.3084, 0.2753



24.4635, 0.3516, 0.3999

Square

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



24.4635, 0.3084, 0.2753



24.4635, 0.3917, 0.3598



24.4635, 0.3130, 0.3919



24.4635, 0.2396, 0.2906

Rectangle

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



24.4635, 0.3084, 0.2753



24.4635, 0.3710, 0.3172



24.4635, 0.3130, 0.3919



24.4635, 0.2567, 0.3376

Sweetspot

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



24.4646, 0.3084, 0.2753



56.6024, 0.3115, 0.3119



23.6305, 0.2779, 0.2812



12.3003, 0.3114, 0.3106



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.



24.4646, 0.3084, 0.2753



40.2028, 0.3072, 0.2631



24.7031, 0.3274, 0.2924



7.1401, 0.3111, 0.3067



6.0668, 0.2784, 0.1307



0.1428, 0.2949, 0.1398

Inverse Universe

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



24.1712, 0.3481, 0.3196



39.6088, 0.3583, 0.3174



31.7340, 0.3006, 0.3687



7.1050, 0.3259, 0.3251



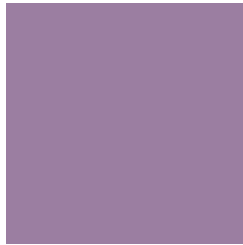
6.1222, 0.6105, 0.3137



0.1339, 0.5293, 0.2690

Previews

White Background



This preview shows how the Yxy color 24.4635, 0.3084, 0.2753 looks on a white background.

Color Contrast Check

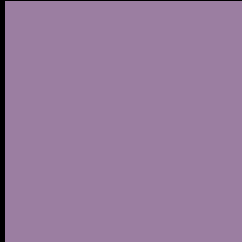
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.4635, 0.3084, 0.2753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

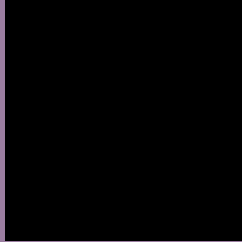
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4635, 0.3084, 0.2753

Background



This preview shows how black text looks on a background with the Yxy color 24.4635, 0.3084, 0.2753.



This preview shows how white text looks on a background with the Yxy color 24.4635, 0.3084, 0.2753.

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

24.4635, 0.3084, 0.2753

Protanopia

24.4294, 0.2747, 0.2750

Deuteranopia

24.6315, 0.2900, 0.2852



Tritanopia

24.5341, 0.3274, 0.3130

Trichromacy



Original Color

24.4635, 0.3084, 0.2753

Protanomaly

24.3525, 0.2862, 0.2745

Deuteranomaly

24.4326, 0.2973, 0.2812

Tritanomaly

24.6109, 0.3199, 0.2990

Monochromacy



Original Color

24.4635, 0.3084, 0.2753

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1765, 0.3115, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4635, 0.3084, 0.2753 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(155, 126, 161)` looks like.

```
.text, #text, p{  
    color:rgb(155, 126, 161)  
}
```

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(155, 126, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 126, 161) }
```

Border

The CSS property to change the border of an element to Yxy 24.4635, 0.3084, 0.2753 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(155, 126, 161) }
```

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

```
.border{ border-color:rgb(155, 126, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 126, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 126, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 126, 161);  
box-shadow:4px 4px 4px 4px rgb(155, 126,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4635, 0.3084, 0.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 126, 161) }
```

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

```
.background{ background-color: rgb(155,  
126, 161) }
```

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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