

Converting Colors

$Y_{xy}(24.2412, 0.3205, 0.2855)$

Have a look what the booklet for
Yxy(24.2412, 0.3205, 0.2855)
contains.

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Color

Yxy(24.2362, 0.3206, 0.2858)

Conversions

Conversions Part 1

Format	Color
Hex	9E7D99
RGB	158, 125, 153
RGB Percent	62%, 49%, 60%
CMY	0.3803, 0.5098, 0.4000
CMYK	0.00, 0.21, 0.03, 0.38
HSL	309°, 15%, 55%
HSV	309°, 21%, 62%
XYZ	27.1873, 24.2362, 33.3778
YIQ	138.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

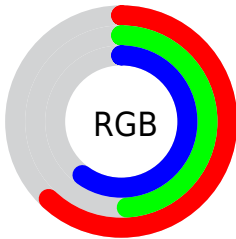
Format	Color
R _Y B	158, 125, 153
Decimal	10386841
CIE Lab	56.32, 17.70, -10.16
CIE LCh	56, 20.410, 330.153
Yxy	24.2362, 0.3206, 0.2858
Android (android.graphics.Color)	4288576921 (0xFF9E7D99)
YUV	138.0590, 7.3659, 17.4883
Hunter-Lab	49.2303, 12.4232, -5.7370

Details

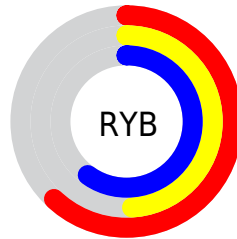
The Yxy color $24.2362, 0.3206, 0.2858$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.4355, 0.3057, 0.3764$, and the grayscale version is $25.4088, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4919, 0.3194, 0.2953$, and $9.1924, 0.3224, 0.2713$ is the 20% darker color. If you saturate the color by 10%, you get $20.4708, 0.3251, 0.2647$, and if you desaturate by 10%, it is $28.6419, 0.3166, 0.3068$.

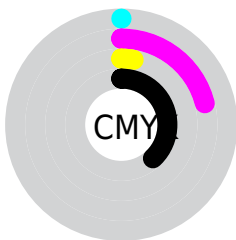
Distribution



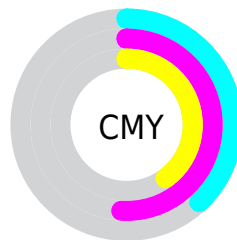
- Red (62%)
- Green (49%)
- Blue (60%)



- Red (62%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (3%)
- Black (38%)




- Cyan (38%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2362, 0.3206, 0.2858 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 24.2362, 0.3206, 0.2858 by changing the saturation by 10% instead.


 24.2362, 0.3206,
0.2858


 24.2362, 0.3206,
0.2858


274.0125, 0.3166,
0.3090

 15.5089, 0.3216,
0.2794


 50.4154, 0.3191,
0.2946

 9.1773, 0.3230,
0.2709


 68.6361, 0.3186,
0.2978

 4.8570, 0.3247,
0.2588


 90.7900, 0.3181,
0.3005

 2.1636, 0.3271,
0.2404

117.2616, 0.3177,
0.3027

 0.7001, 0.3315,
0.2064

148.4353, 0.3174,
0.3046

 0.0000, 0.1451,
0.0000

184.6954, 0.3171,

 0.0000, 0.0000,

0.3063

0.0000

226.4263, 0.3168,
0.3077

■ 24.2362, 0.3206,
0.2858

■ 24.2362, 0.3206,
0.2858

■ 20.4708, 0.3251,
0.2647

■ 28.6419, 0.3166,
0.3068

■ 17.3125, 0.3301,
0.2441

■ 33.7127, 0.3130,
0.3272

■ 14.7299, 0.3355,
0.2249

■ 39.4762, 0.3099,
0.3466

■ 12.6875, 0.3412,
0.2081

■ 45.9573, 0.3073,
0.3648

■ 11.1457, 0.3470,
0.1945

■ 53.1797, 0.3050,
0.3817

■ 10.0599, 0.3527,
0.1848

■ 61.1659, 0.3031,
0.3973

■ 9.3772, 0.3582,
0.1794

■ 69.9377, 0.3015,
0.4116

■ 8.9913, 0.3631,
0.1774

■ 79.5159, 0.3001,
0.4246

■ 81.8746, 0.2989,
0.4251

Harmonies

Analogous

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



24.2362, 0.2856, 0.2727



24.2362, 0.3206, 0.2858



24.2362, 0.3552, 0.3089

Triad

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



24.2362, 0.3206, 0.2858



24.2362, 0.3672, 0.3866



24.2362, 0.2511, 0.3147

Complementary

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



24.2362, 0.3206, 0.2858



30.4355, 0.3057, 0.3764

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.



24.2362, 0.2707, 0.3489



24.2362, 0.3206, 0.2858



24.2362, 0.3373, 0.3924

Square

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



24.2362, 0.3206, 0.2858



24.2362, 0.3827, 0.3657



24.2362, 0.3019, 0.3786



24.2362, 0.2471, 0.2872

Rectangle

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



24.2362, 0.3206, 0.2858



24.2362, 0.3725, 0.3277



24.2362, 0.3019, 0.3786



24.2362, 0.2560, 0.3258

Sweetspot

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



24.2373, 0.3206, 0.2858



56.2455, 0.3148, 0.3167



21.8771, 0.2839, 0.2736



12.5563, 0.3150, 0.3154



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.



24.2373, 0.3206, 0.2858



40.7227, 0.3226, 0.2761



23.7311, 0.3394, 0.3107



6.7372, 0.3159, 0.3103



7.2028, 0.3627, 0.1772



0.1331, 0.3437, 0.1667

Inverse Universe

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



24.2373, 0.3206, 0.2858



40.7227, 0.3226, 0.2761



30.9128, 0.2918, 0.3481



6.7372, 0.3159, 0.3103



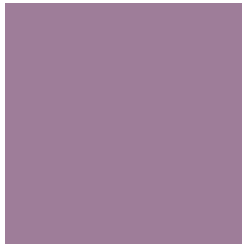
7.2028, 0.3627, 0.1772



0.1331, 0.3437, 0.1667

Previews

White Background



This preview shows how the Yxy color 24.2362, 0.3206, 0.2858 looks on a white background.

Color Contrast Check

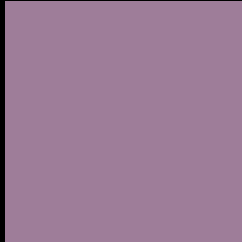
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2362, 0.3206, 0.2858 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 24.2362, 0.3206, 0.2858

Background



This preview shows how black text looks on a background with the Yxy color 24.2362, 0.3206, 0.2858.



This preview shows how white text looks on a background with the Yxy color 24.2362, 0.3206, 0.2858.

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

24.2362, 0.3206, 0.2858

Protanopia

24.2992, 0.2838, 0.2875

Deuteranopia

24.4322, 0.3021, 0.2963



Tritanopia

24.3412, 0.3347, 0.3132

Trichromacy



Original Color

24.2362, 0.3206, 0.2858

Protanomaly

24.2424, 0.2960, 0.2868

Deuteranomaly

24.1706, 0.3088, 0.2921

Tritanomaly

24.3300, 0.3304, 0.3039

Monochromacy



Original Color

24.2362, 0.3206, 0.2858

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7780, 0.3157, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2362, 0.3206, 0.2858 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(158, 125, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 153)  
}
```

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(158, 125, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 153) }
```

Border

The CSS property to change the border of an element to Yxy 24.2362, 0.3206, 0.2858 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(158, 125, 153) }
```

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

```
.border{ border-color:rgb(158, 125, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 125, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2362, 0.3206, 0.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 125, 153) }
```

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

```
.background{ background-color: rgb(158,  
125, 153) }
```

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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