

Converting Colors

$Y_{xy}(23.9541, 0.3262, 0.2927)$

Have a look what the booklet for
Yxy(23.9541, 0.3262, 0.2927)
contains.

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Color

Yxy(24.0745, 0.3262, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	9E7D94
RGB	158, 125, 148
RGB Percent	62%, 49%, 58%
CMY	0.3803, 0.5098, 0.4196
CMYK	0.00, 0.21, 0.06, 0.38
HSL	318°, 15%, 55%
HSV	318°, 21%, 62%
XYZ	26.7841, 24.0745, 31.2509
YIQ	137.4890, 12.2850, 14.1490

Conversions

Conversions Part 2

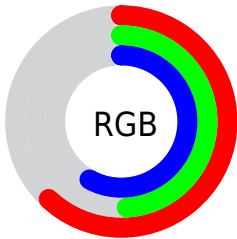
Format	Color
R _Y B	158, 125, 148
Decimal	10386836
CIE Lab	56.16, 16.76, -7.51
CIE LCh	56, 18.366, 335.870
Yxy	24.0745, 0.3262, 0.2932
Android (android.graphics.Color)	4288576916 (0xFF9E7D94)
YUV	137.4890, 5.1819, 17.9881
Hunter-Lab	49.0658, 11.5748, -3.4168

Details

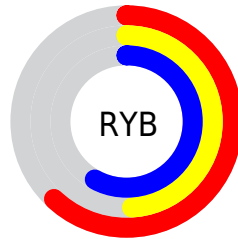
The Yxy color $24.0745, 0.3262, 0.2932$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.5746, 0.3014, 0.3677$, and the grayscale version is $25.1890, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2512, 0.3235, 0.3009$, and $9.0961, 0.3310, 0.2818$ is the 20% darker color. If you saturate the color by 10%, you get $20.2391, 0.3343, 0.2754$, and if you desaturate by 10%, it is $28.5550, 0.3192, 0.3107$.

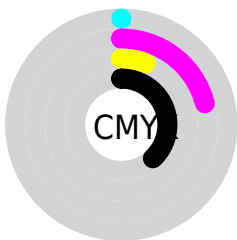
Distribution



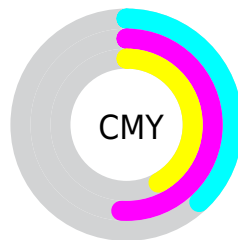
- Red (62%)
- Green (49%)
- Blue (58%)



- Red (62%)
- Yellow (49%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (38%)





- Cyan (38%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0745, 0.3262, 0.2932 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 24.0745, 0.3262, 0.2932 by changing the saturation by 10% instead.


 24.0745, 0.3262,
0.2932


 24.0745, 0.3262,
0.2932


273.1969, 0.3190,
0.3126

 15.3889, 0.3282,
0.2878


 50.1517, 0.3234,
0.3006

 9.0928, 0.3309,
0.2806


 68.3122, 0.3224,
0.3033

 4.8017, 0.3347,
0.2702


 90.3997, 0.3216,
0.3055

 2.1314, 0.3404,
0.2543

116.7986, 0.3209,
0.3073

 0.6822, 0.3519,
0.2230

147.8934, 0.3203,
0.3089

 0.0000, 0.0791,
0.0000

184.0685, 0.3198,

 0.0000, 0.0000,

0.3103

0.0000

225.7082, 0.3194,
0.3115

■ 24.0745, 0.3262,
0.2932

■ 24.0745, 0.3262,
0.2932

■ 20.2391, 0.3343,
0.2754

■ 28.5550, 0.3192,
0.3107

■ 17.0154, 0.3437,
0.2579

■ 33.7054, 0.3132,
0.3275

■ 14.3720, 0.3541,
0.2415

■ 39.5534, 0.3082,
0.3434

■ 12.2733, 0.3656,
0.2270

■ 46.1238, 0.3039,
0.3583

■ 10.6797, 0.3779,
0.2156

■ 53.4406, 0.3004,
0.3720

■ 9.5464, 0.3906,
0.2081

■ 61.5263, 0.2974,
0.3847

■ 8.8206, 0.4032,
0.2052

■ 70.4027, 0.2949,
0.3963

■ 8.3991, 0.4147,
0.2058

■ 80.0906, 0.2928,
0.4069

■ 82.5628, 0.2906,
0.4046

Harmonies

Analogous

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



24.0745, 0.2940, 0.2793



24.0745, 0.3262, 0.2932



24.0745, 0.3560, 0.3156

Triad

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



24.0745, 0.3262, 0.2932



24.0745, 0.3577, 0.3832



24.0745, 0.2550, 0.3109

Complementary

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



24.0745, 0.3262, 0.2932



30.5746, 0.3014, 0.3677

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.



24.0745, 0.2704, 0.3411



24.0745, 0.3262, 0.2932



24.0745, 0.3292, 0.3849

Square

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



24.0745, 0.3262, 0.2932



24.0745, 0.3745, 0.3668



24.0745, 0.2972, 0.3692



24.0745, 0.2542, 0.2878

Rectangle

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



24.0745, 0.3262, 0.2932



24.0745, 0.3698, 0.3331



24.0745, 0.2972, 0.3692



24.0745, 0.2586, 0.3205

Sweetspot

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



24.0756, 0.3262, 0.2932



56.1558, 0.3162, 0.3189



22.2777, 0.2893, 0.2744



12.5341, 0.3166, 0.3178



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.



24.0756, 0.3262, 0.2932



40.3699, 0.3298, 0.2851



23.5925, 0.3453, 0.3186



6.7202, 0.3181, 0.3136



6.7309, 0.4137, 0.2053



0.1275, 0.3694, 0.1808

Inverse Universe

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



24.0756, 0.3262, 0.2932



40.3699, 0.3298, 0.2851



31.0728, 0.2877, 0.3398



6.7202, 0.3181, 0.3136



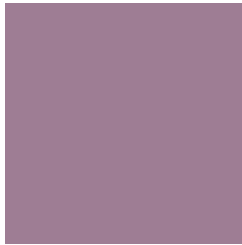
6.7309, 0.4137, 0.2053



0.1275, 0.3694, 0.1808

Previews

White Background



This preview shows how the Yxy color 24.0745, 0.3262, 0.2932 looks on a white background.

Color Contrast Check

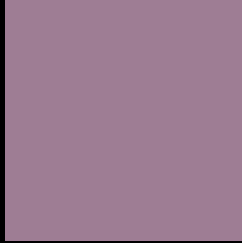
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0745, 0.3262, 0.2932 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 24.0745, 0.3262, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 24.0745, 0.3262, 0.2932.



This preview shows how white text looks on a background with the Yxy color 24.0745, 0.3262, 0.2932.

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

24.0745, 0.3262, 0.2932

Protanopia

24.2888, 0.2906, 0.2956

Deuteranopia

24.0900, 0.3083, 0.3027



Tritanopia

24.1530, 0.3373, 0.3132

Trichromacy



Original Color

24.0745, 0.3262, 0.2932

Protanomaly

24.1623, 0.3021, 0.2947

Deuteranomaly

24.1030, 0.3152, 0.3000

Tritanomaly

24.0129, 0.3328, 0.3053

Monochromacy



Original Color

24.0745, 0.3262, 0.2932

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.7179, 0.3179, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0745, 0.3262, 0.2932 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(158, 125, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 125, 148) }
```

Border

The CSS property to change the border of an element to Yxy 24.0745, 0.3262, 0.2932 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, 148) }
```

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

```
.border{ border-color:rgb(158, 125, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 125, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 125, 148);  
box-shadow:4px 4px 4px 4px rgb(158, 125,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0745, 0.3262, 0.2932 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, 148) }
```

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

```
.background{ background-color: rgb(158,  
125, 148) }
```

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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