

Converting Colors

$Y_{xy}(24.6438, 0.2951, 0.3226)$

Have a look what the booklet for
Yxy(24.6438, 0.2951, 0.3226)
contains.

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Color

Yxy(24.4899, 0.2949, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	7D8A8E
RGB	125, 138, 142
RGB Percent	49%, 54%, 56%
CMY	0.5098, 0.4588, 0.4431
CMYK	0.12, 0.03, 0.00, 0.44
HSL	194°, 7%, 52%
HSV	194°, 12%, 56%
XYZ	22.4288, 24.4899, 29.1369
YIQ	134.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

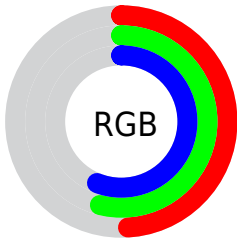
Format	Color
R_{YB}	125, 132, 142
Decimal	8227470
CIE _{Lab}	56.57, -3.85, -3.75
CIE _{LCh}	57, 5.374, 224.290
Yxy	24.4899, 0.2949, 0.3220
Android (android.graphics.Color)	4286417550 (0xFF7D8A8E)
YUV	134.5690, 3.6635, -8.3920
Hunter-Lab	49.4873, -5.7023, -0.2674

Details

The Yxy color **24.4899, 0.2949, 0.3220** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9336, 0.3326, 0.3359**, and the grayscale version is **24.0501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7121, 0.2987, 0.3226**, and **9.2887, 0.2881, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **22.5531, 0.2802, 0.3155**, and if you desaturate by 10%, it is **26.6111, 0.3098, 0.3279**.

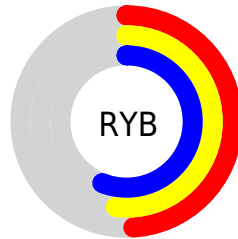
Distribution



Red (49%)

Green (54%)

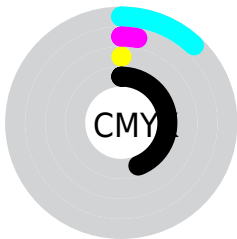
Blue (56%)



Red (49%)

Yellow (52%)

Blue (56%)

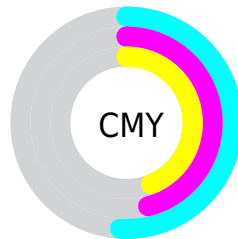


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4899, 0.2949, 0.3220 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 24.4899, 0.2949, 0.3220 by changing the saturation by 10% instead.

■ 24.4899, 0.2949,
0.3220

■ 24.4899, 0.2949,
0.3220

275.2880, 0.3047,
0.3259

■ 15.6974, 0.2921,
0.3208

■ 50.8285, 0.2987,
0.3236

■ 9.3103, 0.2882,
0.3192

■ 69.1434, 0.3001,
0.3241

■ 4.9441, 0.2826,
0.3168

■ 91.4012, 0.3012,
0.3245

■ 2.2145, 0.2736,
0.3128

117.9863, 0.3021,
0.3249

■ 0.7279, 0.2509,
0.3054

149.2832, 0.3029,
0.3252

■ 0.0000, 0.0000,
0.0000

185.6761, 0.3036,

0.3255

227.5496, 0.3042,
0.3257

■ 24.4899, 0.2949,
0.3220

■ 24.4899, 0.2949,
0.3220

■ 22.5531, 0.2802,
0.3155

■ 26.6111, 0.3098,
0.3279

■ 20.7909, 0.2661,
0.3086

■ 28.9199, 0.3246,
0.3332

■ 19.1971, 0.2527,
0.3011

■ 31.4234, 0.3393,
0.3380

■ 17.7640, 0.2405,
0.2932

■ 34.1272, 0.3536,
0.3423

■ 16.4831, 0.2296,
0.2850

■ 37.0368, 0.3674,
0.3460

■ 15.3452, 0.2203,
0.2766

■ 40.1574, 0.3806,
0.3493

■ 14.3396, 0.2129,
0.2681

■ 43.4941, 0.3933,
0.3522

■ 13.4538, 0.2073,
0.2596

■ 47.0516, 0.4052,
0.3547

■ 12.8013, 0.2036,
0.2528

■ 50.8347, 0.4166,
0.3569

Harmonies

Analogous

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



24.4899, 0.2985, 0.3303



24.4899, 0.2949, 0.3220



24.4899, 0.2960, 0.3158

Triad

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



24.4899, 0.2949, 0.3220



24.4899, 0.3194, 0.3199



24.4899, 0.3239, 0.3452

Complementary

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



24.4899, 0.2949, 0.3220



22.9336, 0.3326, 0.3359

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.



24.4899, 0.3297, 0.3421



24.4899, 0.2949, 0.3220



24.4899, 0.3271, 0.3275

Square

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



24.4899, 0.2949, 0.3220



24.4899, 0.3100, 0.3147



24.4899, 0.3309, 0.3356



24.4899, 0.3152, 0.3439

Rectangle

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



24.4899, 0.2949, 0.3220



24.4899, 0.2992, 0.3136



24.4899, 0.3309, 0.3356



24.4899, 0.3263, 0.3446

Sweetspot

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



24.4909, 0.2949, 0.3220



46.1072, 0.3066, 0.3267



25.2914, 0.3074, 0.3520



10.2399, 0.3056, 0.3263



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.4909, 0.2949, 0.3220



42.3647, 0.2915, 0.3206



22.1557, 0.2946, 0.3070



5.9041, 0.2990, 0.3237



11.5221, 0.2037, 0.2532



0.1437, 0.2147, 0.2928

Inverse Universe

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



22.2543, 0.3185, 0.3071



37.7556, 0.3197, 0.3028



25.2570, 0.3309, 0.3501



5.4896, 0.3171, 0.3123



6.1495, 0.3890, 0.1917



0.0622, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 24.4899, 0.2949, 0.3220 looks on a white background.

Color Contrast Check

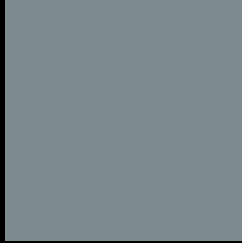
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4899, 0.2949, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

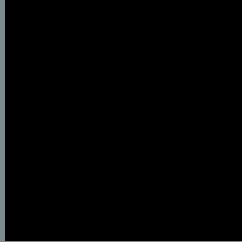
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

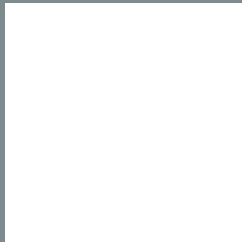
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4899, 0.2949, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 24.4899, 0.2949, 0.3220.



This preview shows how white text looks on a background with the Yxy color 24.4899, 0.2949, 0.3220.

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

24.4899, 0.2949, 0.3220

Protanopia

24.5398, 0.3098, 0.3206

Deuteranopia

24.5054, 0.3158, 0.3110



Tritanopia

24.4651, 0.2902, 0.3101

Trichromacy



Original Color

24.4899, 0.2949, 0.3220

Protanomaly

24.5180, 0.3043, 0.3205

Deuteranomaly

24.4366, 0.3079, 0.3139

Tritanomaly

24.4023, 0.2921, 0.3135

Monochromacy



Original Color

24.4899, 0.2949, 0.3220

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2686, 0.3052, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4899, 0.2949, 0.3220 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(125, 138, 142)` looks like.

```
.text, #text, p{  
    color:rgb(125, 138, 142)  
}
```

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(125, 138, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 138, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.4899, 0.2949, 0.3220 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(125, 138, 142) }
```

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

```
.border{ border-color:rgb(125, 138, 142) }
```

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

Here you see how a box with a 4 pixel rgb(125, 138, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 138, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 138, 142);  
box-shadow:4px 4px 4px 4px rgb(125, 138,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4899, 0.2949, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 138, 142) }
```

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

```
.background{ background-color: rgb(125,  
138, 142) }
```

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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