

Converting Colors

$Yxy(21.9634, 0.2823, 0.3829)$

Have a look what the booklet for
Yxy(21.9634, 0.2823, 0.3829)
contains.

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Color

Yxy(21.9024, 0.2818, 0.3818)

Conversions

Conversions Part 1

Format	Color
Hex	558C72
RGB	85, 140, 114
RGB Percent	33%, 55%, 45%
CMY	0.6664, 0.4510, 0.5529
CMYK	0.39, 0.00, 0.19, 0.45
HSL	152°, 24%, 44%
HSV	152°, 39%, 55%
XYZ	16.1658, 21.9024, 19.2980
YIQ	120.5910, -24.4340, -19.7460

Conversions

Conversions Part 2

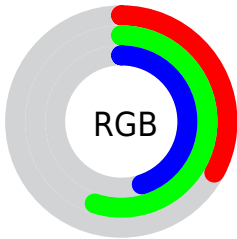
Format	Color
RYB	85, 121, 140
Decimal	5606514
CIELab	53.92, -24.37, 8.21
CIELCh	54, 25.713, 161.370
Yxy	21.9024, 0.2818, 0.3818
Android (android.graphics.Color)	4283796594 (0xFF558C72)
YUV	120.5910, -3.2494, -31.2133
Hunter-Lab	46.8000, -20.2420, 8.3118

Details

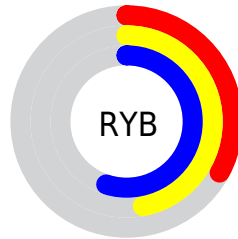
The Yxy color **21.9024, 0.2818, 0.3818** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.2292, 0.3613, 0.2822**, and the grayscale version is **19.0028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6551, 0.2889, 0.3694**, and **7.8954, 0.2685, 0.4039** is the 20% darker color. If you saturate the color by 10%, you get **21.1657, 0.2757, 0.3982**, and if you desaturate by 10%, it is **22.7815, 0.2889, 0.3665**.

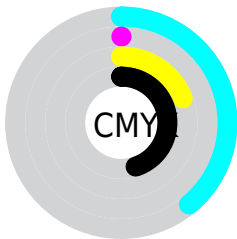
Distribution



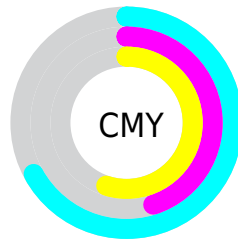
- Red (33%)
- Green (55%)
- Blue (45%)



- Red (33%)
- Yellow (47%)
- Blue (55%)



- Cyan (39%)
- Magenta (0%)
- Yellow (19%)
- Black (45%)




- Cyan (67%)
- Magenta (45%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9024, 0.2818, 0.3818 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 21.9024, 0.2818, 0.3818 by changing the saturation by 10% instead.


 21.9024, 0.2818,
0.3818


 21.9024, 0.2818,
0.3818


262.0362, 0.2996,
0.3512


 13.7852, 0.2763,
0.3913


 46.5846, 0.2890,
0.3694

 7.9714, 0.2685,
0.4051


 63.9185, 0.2914,
0.3652


 4.0767, 0.2564,
0.4265

 85.0933, 0.2934,
0.3617

 1.7165, 0.2354,
0.4642

 110.4935, 0.2951,
0.3589

 0.4343, 0.0000,
1.0000

 140.5035, 0.2965,
0.3565

 0.0000, 0.0000,
0.0000

175.5077, 0.2977,

0.3545

215.8904, 0.2987,
0.3527

■ 21.9024, 0.2818,
0.3818

■ 21.9024, 0.2818,
0.3818

■ 21.1657, 0.2757,
0.3982

■ 22.7815, 0.2889,
0.3665

■ 20.5608, 0.2709,
0.4155

■ 23.8075, 0.2967,
0.3524

■ 20.0799, 0.2677,
0.4334

■ 24.9881, 0.3049,
0.3397

■ 19.7131, 0.2663,
0.4515

■ 26.3297, 0.3134,
0.3282

■ 19.4490, 0.2668,
0.4693

■ 27.8382, 0.3218,
0.3179

■ 19.2593, 0.2687,
0.4866

■ 29.5193, 0.3302,
0.3089

■ 19.2457, 0.2689,
0.4879

■ 31.3784, 0.3384,
0.3009

■ 33.4206, 0.3463,
0.2938

■ 35.6509, 0.3539,
0.2877

Harmonies

Analogous

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



21.9024, 0.3268, 0.4092



21.9024, 0.2818, 0.3818



21.9024, 0.2468, 0.3374

Triad

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



21.9024, 0.2818, 0.3818



21.9024, 0.2547, 0.2549



21.9024, 0.4038, 0.3527

Complementary

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



21.9024, 0.2818, 0.3818



13.2292, 0.3613, 0.2822

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.



21.9024, 0.3819, 0.3158



21.9024, 0.2818, 0.3818



21.9024, 0.2933, 0.2618

Square

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



21.9024, 0.2818, 0.3818



21.9024, 0.2323, 0.2655



21.9024, 0.3403, 0.2835



21.9024, 0.3988, 0.3871

Rectangle

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



21.9024, 0.2818, 0.3818



21.9024, 0.2330, 0.3076



21.9024, 0.3403, 0.2835



21.9024, 0.3994, 0.3403

Sweetspot

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



21.9033, 0.2818, 0.3818



43.4039, 0.3024, 0.3434



22.8302, 0.3358, 0.4343



9.9471, 0.3015, 0.3448



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.



21.9033, 0.2818, 0.3818



37.4698, 0.2764, 0.3961



22.3149, 0.2599, 0.3271



5.6494, 0.3050, 0.3395



17.1065, 0.2686, 0.4871



0.1166, 0.2479, 0.4125

Inverse Universe

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



13.2292, 0.3613, 0.2822



19.9709, 0.3773, 0.2719



12.8827, 0.4054, 0.3310



5.0854, 0.3212, 0.3187



5.3097, 0.5014, 0.2536



0.0382, 0.4102, 0.2034

Previews

White Background



This preview shows how the Yxy color 21.9024, 0.2818, 0.3818 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 21.9024, 0.2818, 0.3818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

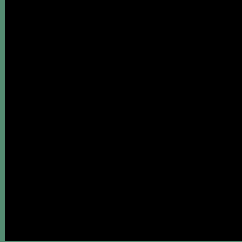
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9024, 0.2818, 0.3818

Background



This preview shows how black text looks on a background with the Yxy color 21.9024, 0.2818, 0.3818.



This preview shows how white text looks on a background with the Yxy color 21.9024, 0.2818, 0.3818.

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

21.9024, 0.2818, 0.3818

Protanopia

21.6719, 0.3438, 0.3649

Deuteranopia

21.7194, 0.3470, 0.3411



Tritanopia

22.0108, 0.2607, 0.3101

Trichromacy



Original Color

21.9024, 0.2818, 0.3818

Protanomaly

21.4102, 0.3188, 0.3709

Deuteranomaly

21.4372, 0.3197, 0.3550

Tritanomaly

21.7862, 0.2683, 0.3347

Monochromacy



Original Color

21.9024, 0.2818, 0.3818

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.9345, 0.3003, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9024, 0.2818, 0.3818 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(85, 140, 114)` looks like.

```
.text, #text, p{  
    color:rgb(85, 140, 114)  
}
```

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(85, 140, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 140, 114) }
```

Border

The CSS property to change the border of an element to Yxy 21.9024, 0.2818, 0.3818 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(85, 140, 114) }
```

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

```
.border{ border-color:rgb(85, 140, 114) }
```

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

Here you see how a box with a 4 pixel rgb(85, 140, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 140, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 140, 114);  
box-shadow:4px 4px 4px 4px rgb(85, 140,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9024, 0.2818, 0.3818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 140, 114) }
```

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

```
.background{ background-color: rgb(85, 140,  
114) }
```

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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