

Converting Colors

$Y_{xy}(24.4958, 0.2712, 0.3430)$

Have a look what the booklet for
Yxy(24.4958, 0.2712, 0.3430)
contains.

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Color

$\text{Yxy}(24.4898, 0.2718, 0.3438)$

Conversions

Conversions Part 1

Format	Color
Hex	5F9189
RGB	95, 145, 137
RGB Percent	37%, 57%, 54%
CMY	0.6275, 0.4314, 0.4627
CMYK	0.34, 0.00, 0.06, 0.43
HSL	170°, 21%, 47%
HSV	170°, 34%, 57%
XYZ	19.3610, 24.4898, 27.3818
YIQ	129.1380, -27.2320, -13.0880

Conversions

Conversions Part 2

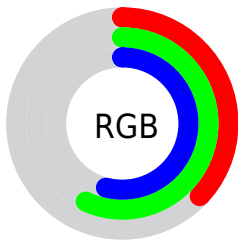
Format	Color
R_{YB}	95, 122, 145
Decimal	6263177
CIE _{Lab}	56.57, -18.63, -1.11
CIE _{LCh}	57, 18.662, 183.413
Yxy	24.4898, 0.2718, 0.3438
Android (android.graphics.Color)	4284453257 (0xFF5F9189)
YUV	129.1380, 3.8760, -29.9390
Hunter-Lab	49.4872, -16.7673, 1.8351

Details

The Yxy color **24.4898, 0.2718, 0.3438** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.1827, 0.3780, 0.3150**, and the grayscale version is **21.9979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7676, 0.2805, 0.3411**, and **9.2514, 0.2568, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **23.7195, 0.2622, 0.3488**, and if you desaturate by 10%, it is **25.4080, 0.2826, 0.3391**.

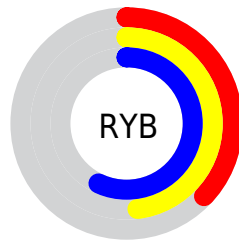
Distribution



Red (37%)

Green (57%)

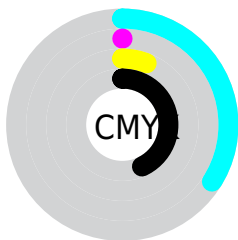
Blue (54%)



Red (37%)

Yellow (48%)

Blue (57%)

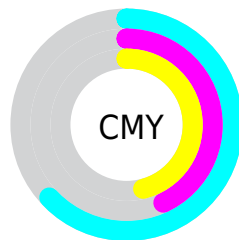


Cyan (34%)

Magenta (0%)

Yellow (6%)

Black (43%)



Cyan (63%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4898, 0.2718, 0.3438 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 24.4898, 0.2718, 0.3438 by changing the saturation by 10% instead.


 24.4898, 0.2718,
0.3438


 24.4898, 0.2718,
0.3438

275.2875, 0.2943,
0.3357


 15.6974, 0.2654,
0.3461


 50.8283, 0.2805,
0.3407


 9.3102, 0.2566,
0.3491


 69.1432, 0.2837,
0.3396

 4.9441, 0.2437,
0.3536

 91.4009, 0.2862,
0.3387

 2.2145, 0.2235,
0.3604

 117.9860, 0.2884,
0.3379

 0.7279, 0.1292,
0.3966

149.2828, 0.2902,
0.3372

 0.0000, 0.0000,
0.0000

185.6758, 0.2918,

0.3367

227.5492, 0.2931,
0.3362

■ 24.4898, 0.2718,
0.3438

■ 24.4898, 0.2718,
0.3438

■ 23.7195, 0.2622,
0.3488

■ 25.4080, 0.2826,
0.3391

■ 23.0862, 0.2540,
0.3541

■ 26.4786, 0.2945,
0.3347

■ 22.5819, 0.2475,
0.3595

■ 27.7096, 0.3070,
0.3307

■ 22.1969, 0.2429,
0.3650

■ 29.1073, 0.3199,
0.3270

■ 21.9198, 0.2400,
0.3705

■ 30.6780, 0.3331,
0.3237

■ 21.7364, 0.2389,
0.3761

■ 32.4274, 0.3462,
0.3208

■ 21.6530, 0.2387,
0.3791

■ 34.3611, 0.3593,
0.3183

■ 36.4844, 0.3720,
0.3160

■ 38.8024, 0.3844,
0.3140

Harmonies

Analogous

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



24.4898, 0.2996, 0.3716



24.4898, 0.2718, 0.3438



24.4898, 0.2552, 0.3130

Triad

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



24.4898, 0.2718, 0.3438



24.4898, 0.2913, 0.2781



24.4898, 0.3758, 0.3653

Complementary

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



24.4898, 0.2718, 0.3438



15.1827, 0.3780, 0.3150

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.



24.4898, 0.3738, 0.3399



24.4898, 0.2718, 0.3438



24.4898, 0.3236, 0.2913

Square

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



24.4898, 0.2718, 0.3438



24.4898, 0.2660, 0.2769



24.4898, 0.3543, 0.3134



24.4898, 0.3601, 0.3829

Rectangle

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



24.4898, 0.2718, 0.3438



24.4898, 0.2522, 0.2957



24.4898, 0.3543, 0.3134



24.4898, 0.3772, 0.3574

Sweetspot

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



24.4908, 0.2718, 0.3438



48.3253, 0.2997, 0.3329



23.9806, 0.3165, 0.4258



10.6903, 0.2982, 0.3335



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.4908, 0.2718, 0.3438



42.8161, 0.2646, 0.3475



20.0027, 0.2613, 0.2971



6.1017, 0.3010, 0.3325



18.5754, 0.2386, 0.3788



0.1802, 0.2312, 0.3522

Inverse Universe

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



15.1827, 0.3780, 0.3150



23.6692, 0.3988, 0.3120



18.3608, 0.3808, 0.3586



5.4372, 0.3258, 0.3255



5.2196, 0.6124, 0.3147



0.0520, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 24.4898, 0.2718, 0.3438 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 24.4898, 0.2718, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

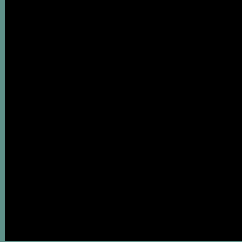
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

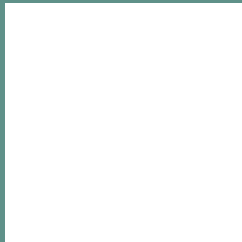
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.4898, 0.2718, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 24.4898, 0.2718, 0.3438.



This preview shows how white text looks on a background with the Yxy color 24.4898, 0.2718, 0.3438.

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

24.4898, 0.2718, 0.3438

Protanopia

24.3699, 0.3203, 0.3358

Deuteranopia

24.2370, 0.3203, 0.3142



Tritanopia

24.3317, 0.2609, 0.3074

Trichromacy



Original Color

24.4898, 0.2718, 0.3438

Protanomaly

24.2963, 0.3004, 0.3396

Deuteranomaly

23.9844, 0.2999, 0.3237

Tritanomaly

24.3797, 0.2650, 0.3198

Monochromacy



Original Color

24.4898, 0.2718, 0.3438

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7758, 0.2961, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4898, 0.2718, 0.3438 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(95, 145, 137)` looks like.

```
.text, #text, p{  
  color:rgb(95, 145, 137)  
}
```

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(95, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 145, 137) }
```

Border

The CSS property to change the border of an element to Yxy 24.4898, 0.2718, 0.3438 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(95, 145, 137) }
```

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

```
.border{ border-color:rgb(95, 145, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 145, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(95, 145,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4898, 0.2718, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 145, 137) }
```

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

```
.background{ background-color: rgb(95, 145,  
137) }
```

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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