

Converting Colors

$Yxy(24.2474, 0.2584, 0.3327)$

Have a look what the booklet for
Yxy(24.2474, 0.2584, 0.3327)
contains.

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Color

Yxy(24.1188, 0.2584, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	54918F
RGB	84, 145, 143
RGB Percent	33%, 57%, 56%
CMY	0.6707, 0.4313, 0.4392
CMYK	0.42, 0.00, 0.01, 0.43
HSL	178°, 27%, 45%
HSV	178°, 42%, 57%
XYZ	18.7381, 24.1188, 29.6590
YIQ	126.5330, -35.7140, -13.5540

Conversions

Conversions Part 2

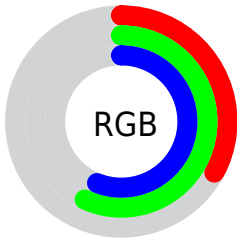
Format	Color
RYB	84, 115, 145
Decimal	5542287
CIELab	56.21, -20.23, -5.15
CIElCh	56, 20.877, 194.290
Yxy	24.1188, 0.2584, 0.3326
Android (android.graphics.Color)	4283732367 (0xFF54918F)
YUV	126.5330, 8.1182, -37.3014
Hunter-Lab	49.1109, -17.8379, -1.4287

Details

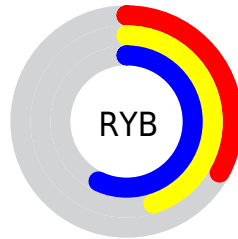
The Yxy color $24.1188, 0.2584, 0.3326$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $13.0278, 0.4132, 0.3258$, and the grayscale version is $21.0345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1964, 0.2696, 0.3316$, and $9.0717, 0.2382, 0.3317$ is the 20% darker color. If you saturate the color by 10%, you get $23.5044, 0.2489, 0.3336$, and if you desaturate by 10%, it is $24.8736, 0.2695, 0.3317$.

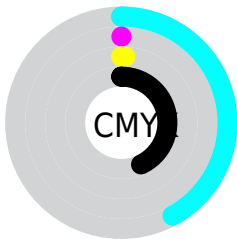
Distribution



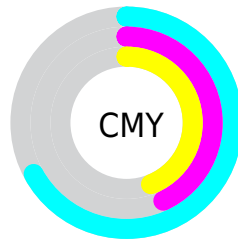
- Red (33%)
- Green (57%)
- Blue (56%)



- Red (33%)
- Yellow (45%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)





- Cyan (67%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1188, 0.2584, 0.3326 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 24.1188, 0.2584, 0.3326 by changing the saturation by 10% instead.


 24.1188, 0.2584,
0.3326


 24.1188, 0.2584,
0.3326


273.4205, 0.2881,
0.3311

 15.4218, 0.2500,
0.3328

 50.2240, 0.2699,
0.3321

 9.1159, 0.2386,
0.3330


 68.4009, 0.2740,
0.3319


 4.8169, 0.2221,
0.3329

 90.5067, 0.2774,
0.3318

 2.1402, 0.1966,
0.3318

 116.9255, 0.2802,
0.3316

 0.6871, 0.0811,
0.3502

 148.0420, 0.2826,
0.3314

 0.0000, 0.0000,
0.0000

184.2404, 0.2847,

0.3313

225.9051, 0.2865,
0.3312

■ 24.1188, 0.2584,
0.3326

■ 24.1188, 0.2584,
0.3326

■ 23.5044, 0.2489,
0.3336

■ 24.8736, 0.2695,
0.3317

■ 23.0190, 0.2411,
0.3346

■ 25.7740, 0.2819,
0.3308

■ 22.6540, 0.2352,
0.3357


■ 26.8280, 0.2953,
0.3299

■ 22.3985, 0.2310,
0.3367


■ 28.0426, 0.3096,
0.3292

■ 22.2396, 0.2286,
0.3377


■ 29.4241, 0.3245,
0.3285

 22.1541, 0.2274,
0.3385

 30.9786, 0.3396,
0.3278

 32.7118, 0.3548,
0.3273

 34.6292, 0.3699,
0.3268

 36.7359, 0.3846,
0.3264

Harmonies

Analogous

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



24.1188, 0.2855, 0.3670



24.1188, 0.2584, 0.3326



24.1188, 0.2457, 0.2996

Triad

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



24.1188, 0.2584, 0.3326



24.1188, 0.3012, 0.2762



24.1188, 0.3792, 0.3780

Complementary

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



24.1188, 0.2584, 0.3326



13.0278, 0.4132, 0.3258

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.



24.1188, 0.3848, 0.3517



24.1188, 0.2584, 0.3326



24.1188, 0.3382, 0.2949

Square

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



24.1188, 0.2584, 0.3326



24.1188, 0.2692, 0.2696



24.1188, 0.3695, 0.3218



24.1188, 0.3554, 0.3931

Rectangle

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



24.1188, 0.2584, 0.3326



24.1188, 0.2464, 0.2832



24.1188, 0.3695, 0.3218



24.1188, 0.3834, 0.3701

Sweetspot

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



24.1197, 0.2584, 0.3326



47.8032, 0.2937, 0.3300



22.8711, 0.3087, 0.4537



10.5466, 0.2909, 0.3302



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.



24.1197, 0.2584, 0.3326



42.0918, 0.2489, 0.3336



16.5398, 0.2479, 0.2720



6.1133, 0.2995, 0.3297



19.0014, 0.2274, 0.3385



0.1823, 0.2259, 0.3332

Inverse Universe

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



13.0278, 0.4132, 0.3258



19.3525, 0.4515, 0.3252



18.3488, 0.3952, 0.3792



5.4268, 0.3276, 0.3283



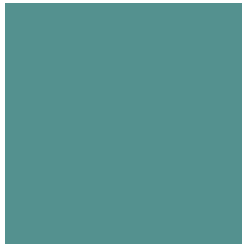
5.1730, 0.6351, 0.3272



0.0499, 0.6119, 0.3145

Previews

White Background



This preview shows how the Yxy color 24.1188, 0.2584, 0.3326 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 24.1188, 0.2584, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

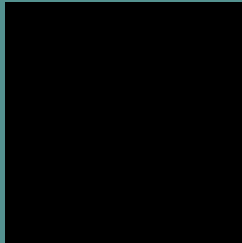
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1188, 0.2584, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 24.1188, 0.2584, 0.3326.

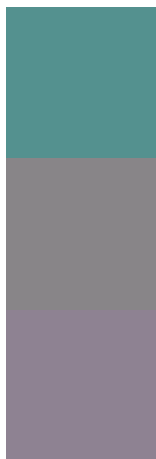


This preview shows how white text looks on a background with the Yxy color 24.1188, 0.2584, 0.3326.

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

24.1188, 0.2584, 0.3326

Protanopia

23.7869, 0.3130, 0.3239

Deuteranopia

23.7914, 0.3094, 0.3026



Tritanopia

24.0377, 0.2511, 0.3069

Trichromacy



Original Color

24.1188, 0.2584, 0.3326

Protanomaly

23.5373, 0.2895, 0.3253

Deuteranomaly

23.4372, 0.2878, 0.3114

Tritanomaly

24.1593, 0.2536, 0.3159

Monochromacy



Original Color

24.1188, 0.2584, 0.3326

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.1232, 0.2888, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1188, 0.2584, 0.3326 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(84, 145, 143)` looks like.

```
.text, #text, p{  
    color:rgb(84, 145, 143)  
}
```

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(84, 145, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 145, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.1188, 0.2584, 0.3326 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(84, 145, 143) }
```

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

```
.border{ border-color:rgb(84, 145, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 145, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 145, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 145, 143);  
box-shadow:4px 4px 4px 4px rgb(84, 145,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1188, 0.2584, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 145, 143) }
```

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

```
.background{ background-color: rgb(84, 145,  
143) }
```

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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