

Converting Colors

$Y_{xy}(24.0853, 0.2793, 0.3654)$

Have a look what the booklet for
Yxy(24.0853, 0.2793, 0.3654)
contains.

Yxy(24.0843, 0.2793, 0.3654)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(24.0843, 0.2793, 0.3654)$

Conversions

Conversions Part 1

Format	Color
Hex	5D917E
RGB	93, 145, 126
RGB Percent	36%, 57%, 49%
CMY	0.6351, 0.4314, 0.5059
CMYK	0.36, 0.00, 0.13, 0.43
HSL	158°, 22%, 47%
HSV	158°, 36%, 57%
XYZ	18.4093, 24.0843, 23.4186
YIQ	127.2860, -24.8930, -16.9330

Conversions

Conversions Part 2

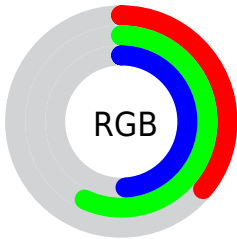
Format	Color
R_{YB}	93, 125, 145
Decimal	6132094
CIE _{Lab}	56.17, -21.79, 4.61
CIE _{LCh}	56, 22.276, 168.069
Yxy	24.0843, 0.2793, 0.3654
Android (android.graphics.Color)	4284322174 (0xFF5D917E)
YUV	127.2860, -0.6340, -30.0688
Hunter-Lab	49.0758, -18.9238, 6.0603

Details

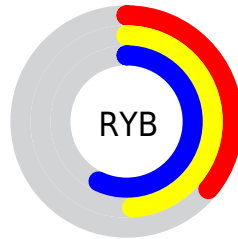
The Yxy color $24.0843, 0.2793, 0.3654$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.0272, 0.3645, 0.2957$, and the grayscale version is $21.3395, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1213, 0.2863, 0.3566$, and $9.0548, 0.2660, 0.3800$ is the 20% darker color. If you saturate the color by 10%, you get $23.2653, 0.2718, 0.3776$, and if you desaturate by 10%, it is $25.0560, 0.2878, 0.3540$.

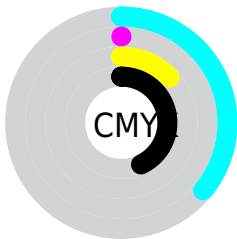
Distribution



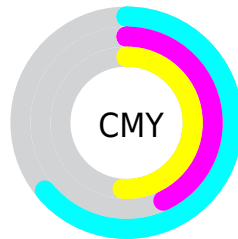
- Red (36%)
- Green (57%)
- Blue (49%)



- Red (36%)
- Yellow (49%)
- Blue (57%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0843, 0.2793, 0.3654 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 24.0843, 0.2793, 0.3654 by changing the saturation by 10% instead.

■ 24.0843, 0.2793,
0.3654

■ 24.0843, 0.2793,
0.3654

■ 273.2464, 0.2980,
0.3448

■ 15.3962, 0.2738,
0.3716

■ 50.1677, 0.2867,
0.3572

■ 9.0979, 0.2662,
0.3802

■ 68.3318, 0.2892,
0.3544

■ 4.8051, 0.2548,
0.3933

■ 90.4233, 0.2914,
0.3520

■ 2.1334, 0.2363,
0.4152

■ 116.8267, 0.2931,
0.3501

■ 0.6833, 0.0960,
0.5588

■ 147.9263, 0.2946,
0.3485

■ 0.0000, 0.0000,
0.0000

184.1065, 0.2959,

0.3471

225.7517, 0.2970,
0.3459

■ 24.0843, 0.2793,
0.3654

■ 24.0843, 0.2793,
0.3654

■ 23.2653, 0.2718,
0.3776

■ 25.0560, 0.2878,
0.3540

■ 22.5879, 0.2656,
0.3905

■ 26.1850, 0.2971,
0.3436

■ 22.0439, 0.2609,
0.4040

■ 27.4794, 0.3069,
0.3341

■ 21.6232, 0.2581,
0.4177

■ 28.9459, 0.3169,
0.3255

■ 21.3142, 0.2571,
0.4315

■ 30.5907, 0.3270,
0.3179

■ 21.0999, 0.2580,
0.4452

■ 32.4198, 0.3370,
0.3111

■ 21.0216, 0.2586,
0.4509

■ 34.4389, 0.3467,
0.3052

■ 36.6532, 0.3562,
0.2999

■ 39.0682, 0.3654,
0.2953

Harmonies

Analogous

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



24.0843, 0.3163, 0.3922



24.0843, 0.2793, 0.3654



24.0843, 0.2522, 0.3279

Triad

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



24.0843, 0.2793, 0.3654



24.0843, 0.2700, 0.2660



24.0843, 0.3902, 0.3568

Complementary

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



24.0843, 0.2793, 0.3654



15.0272, 0.3645, 0.2957

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.



24.0843, 0.3766, 0.3252



24.0843, 0.2793, 0.3654



24.0843, 0.3052, 0.2748

Square

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



24.0843, 0.2793, 0.3654



24.0843, 0.2473, 0.2720



24.0843, 0.3447, 0.2960



24.0843, 0.3814, 0.3840

Rectangle

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



24.0843, 0.2793, 0.3654



24.0843, 0.2428, 0.3040



24.0843, 0.3447, 0.2960



24.0843, 0.3881, 0.3464

Sweetspot

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



24.0853, 0.2793, 0.3654



47.9256, 0.3016, 0.3391



24.4913, 0.3275, 0.4267



10.6013, 0.3004, 0.3402



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.



24.0853, 0.2793, 0.3654



41.9314, 0.2731, 0.3752



22.5704, 0.2621, 0.3159



6.0833, 0.3036, 0.3372



18.0376, 0.2584, 0.4501



0.1767, 0.2414, 0.3892

Inverse Universe

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



15.0272, 0.3645, 0.2957



23.2253, 0.3816, 0.2882



15.9199, 0.3907, 0.3416



5.4546, 0.3228, 0.3210



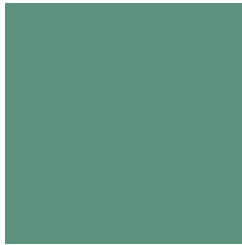
5.3885, 0.5453, 0.2778



0.0555, 0.4413, 0.2204

Previews

White Background



This preview shows how the Yxy color 24.0843, 0.2793, 0.3654 looks on a white background.

Color Contrast Check

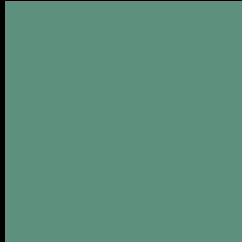
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0843, 0.2793, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

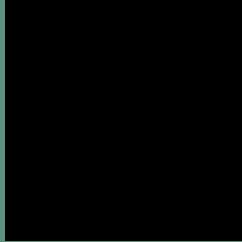
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0843, 0.2793, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 24.0843, 0.2793, 0.3654.



This preview shows how white text looks on a background with the Yxy color 24.0843, 0.2793, 0.3654.

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

24.0843, 0.2793, 0.3654

Protanopia

23.9817, 0.3347, 0.3531

Deuteranopia

23.9398, 0.3362, 0.3307



Tritanopia

24.0023, 0.2614, 0.3073

Trichromacy



Original Color

24.0843, 0.2793, 0.3654

Protanomaly

23.7931, 0.3125, 0.3579

Deuteranomaly

23.5536, 0.3133, 0.3414

Tritanomaly

23.8706, 0.2680, 0.3270

Monochromacy



Original Color

24.0843, 0.2793, 0.3654

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2273, 0.2989, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0843, 0.2793, 0.3654 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(93, 145, 126)` looks like.

```
.text, #text, p{  
  color:rgb(93, 145, 126)  
}
```

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(93, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 145, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.0843, 0.2793, 0.3654 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(93, 145, 126) }
```

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

```
.border{ border-color:rgb(93, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(93, 145,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0843, 0.2793, 0.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 145, 126) }
```

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

```
.background{ background-color: rgb(93, 145,  
126) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor