

Converting Colors

$Y_{xy}(24.1679, 0.2843, 0.3483)$

Have a look what the booklet for
Yxy(24.1679, 0.2843, 0.3483)
contains.

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Color

Yxy(24.3141, 0.2846, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	698F84
RGB	105, 143, 132
RGB Percent	41%, 56%, 52%
CMY	0.5884, 0.4392, 0.4823
CMYK	0.27, 0.00, 0.08, 0.44
HSL	163°, 15%, 49%
HSV	163°, 27%, 56%
XYZ	19.8105, 24.3141, 25.4835
YIQ	130.3840, -19.1170, -11.4770

Conversions

Conversions Part 2

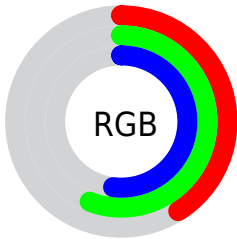
Format	Color
R_{YB}	105, 127, 143
Decimal	6918020
CIE _{Lab}	56.40, -15.62, 1.58
CIE _{LCh}	56, 15.700, 174.237
Y _{xy}	24.3141, 0.2846, 0.3493
Android (android.graphics.Color)	4285108100 (0xFF698F84)
YUV	130.3840, 0.7967, -22.2618
Hunter-Lab	49.3093, -14.5774, 3.8749

Details

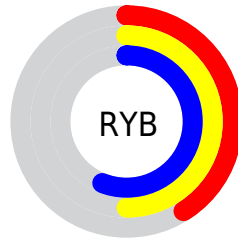
The Yxy color **24.3141, 0.2846, 0.3493** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.1963, 0.3517, 0.3097**, and the grayscale version is **22.4667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6034, 0.2907, 0.3451**, and **9.2940, 0.2733, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **23.4101, 0.2753, 0.3582**, and if you desaturate by 10%, it is **25.3702, 0.2947, 0.3411**.

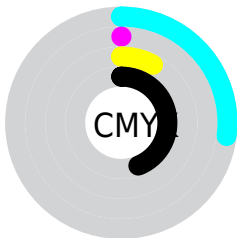
Distribution



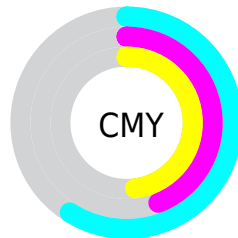
- Red (41%)
- Green (56%)
- Blue (52%)



- Red (41%)
- Yellow (50%)
- Blue (56%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (44%)





- Cyan (59%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3141, 0.2846, 0.3493 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 24.3141, 0.2846, 0.3493 by changing the saturation by 10% instead.


 24.3141, 0.2846,
0.3493


 24.3141, 0.2846,
0.3493


274.4046, 0.3002,
0.3380

 15.5668, 0.2801,
0.3526


 50.5423, 0.2907,
0.3449

 9.2181, 0.2738,
0.3572


 68.7919, 0.2929,
0.3433

 4.8837, 0.2647,
0.3640

 90.9778, 0.2946,
0.3420

 2.1792, 0.2499,
0.3752

 117.4844, 0.2961,
0.3409

 0.7086, 0.1758,
0.4263

148.6959, 0.2974,
0.3400

 0.0000, 0.0000,
0.0000

184.9969, 0.2984,

0.3392

226.7716, 0.2994,
0.3386

■ 24.3141, 0.2846,
0.3493

■ 24.3141, 0.2846,
0.3493

■ 23.4101, 0.2753,
0.3582

■ 25.3702, 0.2947,
0.3411

■ 22.6479, 0.2672,
0.3677

■ 26.5821, 0.3054,
0.3336

■ 22.0206, 0.2604,
0.3777

■ 27.9574, 0.3165,
0.3268

■ 21.5192, 0.2553,
0.3881

■ 29.5021, 0.3277,
0.3207

■ 21.1341, 0.2520,
0.3987

■ 31.2218, 0.3388,
0.3153

■ 20.8538, 0.2505,
0.4094

■ 33.1221, 0.3498,
0.3105

■ 20.6600, 0.2508,
0.4200

■ 35.2081, 0.3605,
0.3063

■ 20.6007, 0.2510,
0.4236

■ 37.4848, 0.3709,
0.3026

■ 39.9572, 0.3809,
0.2994

Harmonies

Analogous

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



24.3141, 0.3101, 0.3697



24.3141, 0.2846, 0.3493



24.3141, 0.2670, 0.3234

Triad

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



24.3141, 0.2846, 0.3493



24.3141, 0.2872, 0.2842



24.3141, 0.3670, 0.3540

Complementary

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



24.3141, 0.2846, 0.3493



17.1963, 0.3517, 0.3097

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.



24.3141, 0.3605, 0.3316



24.3141, 0.2846, 0.3493



24.3141, 0.3135, 0.2925

Square

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



24.3141, 0.2846, 0.3493



24.3141, 0.2685, 0.2868



24.3141, 0.3406, 0.3095



24.3141, 0.3582, 0.3712

Rectangle

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



24.3141, 0.2846, 0.3493



24.3141, 0.2617, 0.3074



24.3141, 0.3406, 0.3095



24.3141, 0.3665, 0.3468

Sweetspot

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



24.3151, 0.2846, 0.3493



47.2390, 0.3037, 0.3347



24.4058, 0.3214, 0.3997



10.7613, 0.3022, 0.3357



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.



24.3151, 0.2846, 0.3493



42.5232, 0.2788, 0.3546



22.4243, 0.2738, 0.3149



6.0901, 0.3026, 0.3354



18.2161, 0.2509, 0.4231



0.1780, 0.2373, 0.3744

Inverse Universe

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



17.1963, 0.3517, 0.3097



27.5363, 0.3638, 0.3051



18.5748, 0.3640, 0.3426



5.4481, 0.3239, 0.3227



5.3102, 0.5738, 0.2935



0.0542, 0.4683, 0.2353

Previews

White Background



This preview shows how the Yxy color 24.3141, 0.2846, 0.3493 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 24.3141, 0.2846, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

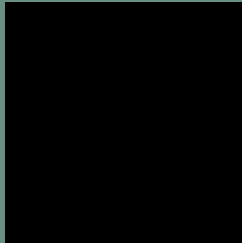
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3141, 0.2846, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 24.3141, 0.2846, 0.3493.

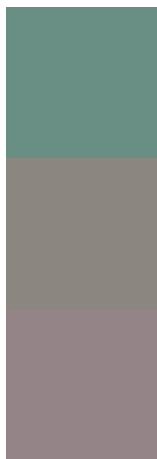


This preview shows how white text looks on a background with the Yxy color 24.3141, 0.2846, 0.3493.

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

24.3141, 0.2846, 0.3493

Protanopia

24.0715, 0.3259, 0.3410

Deuteranopia

24.2778, 0.3281, 0.3225



Tritanopia

24.2417, 0.2715, 0.3094

Trichromacy



Original Color

24.3141, 0.2846, 0.3493

Protanomaly

23.9883, 0.3099, 0.3431

Deuteranomaly

23.9547, 0.3104, 0.3307

Tritanomaly

24.2515, 0.2767, 0.3235

Monochromacy



Original Color

24.3141, 0.2846, 0.3493

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.0316, 0.3014, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3141, 0.2846, 0.3493 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(105, 143, 132)` looks like.

```
.text, #text, p{  
    color:rgb(105, 143, 132)  
}
```

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(105, 143, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 143, 132) }
```

Border

The CSS property to change the border of an element to Yxy 24.3141, 0.2846, 0.3493 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(105, 143, 132) }
```

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

```
.border{ border-color:rgb(105, 143, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 143, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 143, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 143, 132); box-shadow:4px 4px 4px 4px rgb(105, 143, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3141, 0.2846, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 143, 132) }
```

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

```
.background{ background-color: rgb(105,  
143, 132) }
```

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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