

Converting Colors

$Yxy(24.9054, 0.2903, 0.3526)$

Have a look what the booklet for
Yxy(24.9054, 0.2903, 0.3526)
contains.

Yxy(24.9002, 0.2904, 0.3527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Yxy(24.9002, 0.2904, 0.3527)$

Conversions

Conversions Part 1

Format	Color
Hex	6E9083
RGB	110, 144, 131
RGB Percent	43%, 56%, 51%
CMY	0.5685, 0.4353, 0.4863
CMYK	0.24, 0.00, 0.09, 0.44
HSL	157°, 13%, 50%
HSV	157°, 24%, 56%
XYZ	20.5019, 24.9002, 25.1967
YIQ	132.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

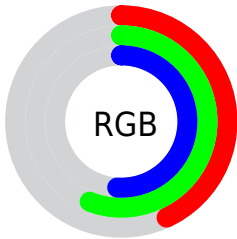
Format	Color
RYB	110, 131, 144
Decimal	7245955
CIELab	56.98, -14.70, 3.04
CIELCh	57, 15.008, 168.331
Yxy	24.9002, 0.2904, 0.3527
Android (android.graphics.Color)	4285436035 (0xFF6E9083)
YUV	132.3520, -0.6665, -19.6027
Hunter-Lab	49.9001, -13.9869, 4.9920

Details

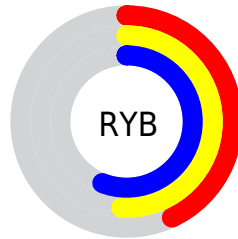
The Yxy color $24.9002, 0.2904, 0.3527$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.5161, 0.3420, 0.3065$, and the grayscale version is $23.2166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.5302, 0.2951, 0.3476$, and $9.6067, 0.2811, 0.3625$ is the 20% darker color. If you saturate the color by 10%, you get $23.9057, 0.2819, 0.3644$, and if you desaturate by 10%, it is $26.0548, 0.2996, 0.3420$.

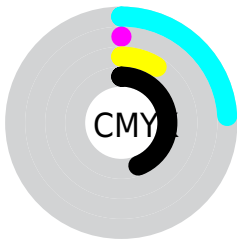
Distribution



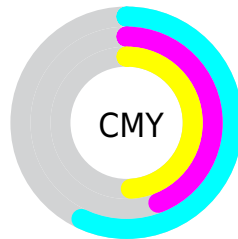
- Red (43%)
- Green (56%)
- Blue (51%)



- Red (43%)
- Yellow (51%)
- Blue (56%)



- Cyan (24%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)




- Cyan (57%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9002, 0.2904, 0.3527 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 24.9002, 0.2904, 0.3527 by changing the saturation by 10% instead.


 24.9002, 0.2904,
0.3527


 24.9002, 0.2904,
0.3527


277.3406, 0.3028,
0.3394

 16.0027, 0.2868,
0.3566


 51.4953, 0.2953,
0.3475


 9.5261, 0.2818,
0.3620


 69.9617, 0.2970,
0.3457

 5.0859, 0.2745,
0.3701

 92.3865, 0.2984,
0.3442

 2.2977, 0.2626,
0.3833

 119.1541, 0.2995,
0.3429

 0.7725, 0.2113,
0.4348

150.6489, 0.3005,
0.3418

 0.0000, 0.0000,
0.0000

187.2553, 0.3014,

0.3409

229.3577, 0.3022,
0.3401

■ 24.9002, 0.2904,
0.3527

■ 24.9002, 0.2904,
0.3527

■ 23.9057, 0.2819,
0.3644

■ 26.0548, 0.2996,
0.3420

■ 23.0609, 0.2742,
0.3770

■ 27.3734, 0.3092,
0.3323

■ 22.3588, 0.2679,
0.3905

■ 28.8633, 0.3190,
0.3235

■ 21.7908, 0.2630,
0.4045

■ 30.5307, 0.3288,
0.3157

■ 21.3470, 0.2599,
0.4189

■ 32.3814, 0.3385,
0.3088

■ 21.0165, 0.2586,
0.4334

■ 34.4210, 0.3479,
0.3028

■ 20.7860, 0.2593,
0.4477

■ 36.6547, 0.3571,
0.2975

■ 20.6658, 0.2602,
0.4569

■ 39.0876, 0.3658,
0.2928

■ 41.7245, 0.3742,
0.2887

Harmonies

Analogous

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



24.9002, 0.3155, 0.3701



24.9002, 0.2904, 0.3527



24.9002, 0.2718, 0.3286

Triad

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



24.9002, 0.2904, 0.3527



24.9002, 0.2843, 0.2860



24.9002, 0.3641, 0.3488

Complementary

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



24.9002, 0.2904, 0.3527



18.5161, 0.3420, 0.3065

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.



24.9002, 0.3552, 0.3272



24.9002, 0.2904, 0.3527



24.9002, 0.3083, 0.2920

Square

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



24.9002, 0.2904, 0.3527



24.9002, 0.2684, 0.2907



24.9002, 0.3344, 0.3068



24.9002, 0.3586, 0.3665

Rectangle

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



24.9002, 0.2904, 0.3527



24.9002, 0.2652, 0.3128



24.9002, 0.3344, 0.3068



24.9002, 0.3627, 0.3418

Sweetspot

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



24.9012, 0.2904, 0.3527



47.4218, 0.3058, 0.3356



25.2869, 0.3236, 0.3903



10.8478, 0.3053, 0.3361



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.



24.9012, 0.2904, 0.3527



43.0124, 0.2860, 0.3584



24.0963, 0.2784, 0.3218



6.0818, 0.3038, 0.3376



18.0011, 0.2600, 0.4561



0.1764, 0.2424, 0.3927

Inverse Universe

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



18.5161, 0.3420, 0.3065



29.8481, 0.3500, 0.3015



19.0866, 0.3580, 0.3361



5.4561, 0.3225, 0.3206



5.4088, 0.5385, 0.2740



0.0558, 0.4358, 0.2175

Previews

White Background



This preview shows how the Yxy color 24.9002, 0.2904, 0.3527 looks on a white background.

Color Contrast Check

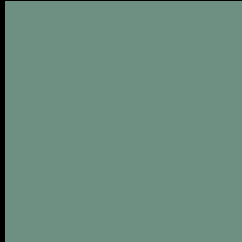
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9002, 0.2904, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

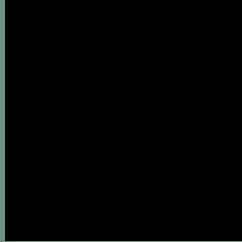
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9002, 0.2904, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 24.9002, 0.2904, 0.3527.

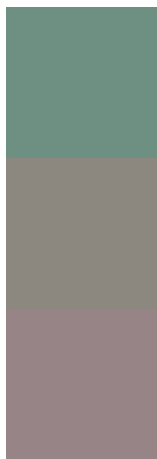


This preview shows how white text looks on a background with the Yxy color 24.9002, 0.2904, 0.3527.

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

24.9002, 0.2904, 0.3527

Protanopia

24.8033, 0.3278, 0.3443

Deuteranopia

24.8031, 0.3326, 0.3258



Tritanopia

24.8942, 0.2754, 0.3097

Trichromacy



Original Color

24.9002, 0.2904, 0.3527

Protanomaly

24.7696, 0.3140, 0.3482

Deuteranomaly

24.5360, 0.3158, 0.3341

Tritanomaly

24.8703, 0.2815, 0.3254

Monochromacy



Original Color

24.9002, 0.2904, 0.3527

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.5593, 0.3036, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9002, 0.2904, 0.3527 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(110, 144, 131)` looks like.

```
.text, #text, p{  
    color:rgb(110, 144, 131)  
}
```

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(110, 144, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 144, 131) }
```

Border

The CSS property to change the border of an element to Yxy 24.9002, 0.2904, 0.3527 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(110, 144, 131) }
```

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

```
.border{ border-color:rgb(110, 144, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 144, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 144, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 144, 131);  
box-shadow:4px 4px 4px 4px rgb(110, 144,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9002, 0.2904, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 144, 131) }
```

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

```
.background{ background-color: rgb(110,  
144, 131) }
```

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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