

Converting Colors

$Y_{xy}(24.3402, 0.2811, 0.3712)$

Have a look what the booklet for
Yxy(24.3402, 0.2811, 0.3712)
contains.

Yxy(24.3402, 0.2811, 0.3712)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(24.3402, 0.2811, 0.3712)$

Conversions

Conversions Part 1

Format	Color
Hex	5D927C
RGB	93, 146, 124
RGB Percent	36%, 57%, 49%
CMY	0.6353, 0.4274, 0.5137
CMYK	0.36, 0.00, 0.15, 0.43
HSL	155°, 22%, 47%
HSV	155°, 36%, 57%
XYZ	18.4322, 24.3402, 22.7993
YIQ	127.6450, -24.5260, -18.0780

Conversions

Conversions Part 2

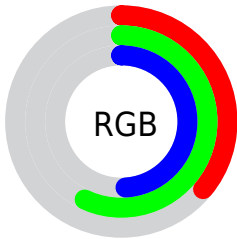
Format	Color
R_{YB}	93, 126, 146
Decimal	6132348
CIE _{Lab}	56.43, -22.77, 6.11
CIE _{LCh}	56, 23.578, 164.981
Yxy	24.3402, 0.2811, 0.3712
Android (android.graphics.Color)	4284322428 (0xFF5D927C)
YUV	127.6450, -1.7970, -30.3837
Hunter-Lab	49.3358, -19.6488, 7.1357

Details

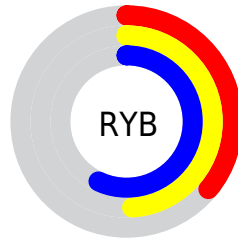
The Yxy color $24.3402, 0.2811, 0.3712$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $15.1787, 0.3614, 0.2908$, and the grayscale version is $21.4710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5026, 0.2876, 0.3608$, and $9.2060, 0.2687, 0.3890$ is the 20% darker color. If you saturate the color by 10%, you get $23.5020, 0.2741, 0.3853$, and if you desaturate by 10%, it is $25.3353, 0.2891, 0.3581$.

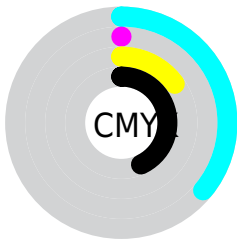
Distribution



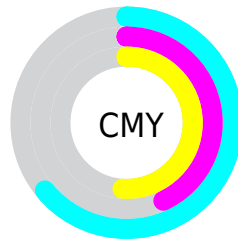
- Red (36%)
- Green (57%)
- Blue (49%)



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



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (43%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3402, 0.2811, 0.3712 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 24.3402, 0.2811, 0.3712 by changing the saturation by 10% instead.


 24.3402, 0.2811,
0.3712


 24.3402, 0.2811,
0.3712


274.5359, 0.2989,
0.3472


 15.5862, 0.2759,
0.3784


 50.5848, 0.2881,
0.3617

 9.2318, 0.2685,
0.3885


 68.8441, 0.2906,
0.3584

 4.8927, 0.2576,
0.4039

 91.0407, 0.2926,
0.3557

 2.1844, 0.2396,
0.4298

 117.5589, 0.2943,
0.3534

 0.7115, 0.1020,
0.6033

148.7832, 0.2957,
0.3515

 0.0000, 0.0000,
0.0000

185.0978, 0.2969,

0.3499

226.8873, 0.2980,
0.3485

■ 24.3402, 0.2811,
0.3712

■ 24.3402, 0.2811,
0.3712

■ 23.5020, 0.2741,
0.3853

■ 25.3353, 0.2891,
0.3581

■ 22.8092, 0.2684,
0.4001

■ 26.4921, 0.2977,
0.3462

■ 22.2535, 0.2642,
0.4156

■ 27.8188, 0.3069,
0.3353

■ 21.8245, 0.2619,
0.4314

■ 29.3223, 0.3162,
0.3255

■ 21.5101, 0.2615,
0.4472

■ 31.0091, 0.3255,
0.3168

■ 21.2920, 0.2628,
0.4627

■ 32.8852, 0.3348,
0.3091

■ 21.2207, 0.2634,
0.4684

■ 34.9565, 0.3438,
0.3023

■ 37.2285, 0.3525,
0.2963

■ 39.7065, 0.3609,
0.2911

Harmonies

Analogous

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



24.3402, 0.3206, 0.3977



24.3402, 0.2811, 0.3712



24.3402, 0.2513, 0.3318

Triad

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



24.3402, 0.2811, 0.3712



24.3402, 0.2646, 0.2627



24.3402, 0.3941, 0.3547

Complementary

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



24.3402, 0.2811, 0.3712



15.1787, 0.3614, 0.2908

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.



24.3402, 0.3774, 0.3214



24.3402, 0.2811, 0.3712



24.3402, 0.3005, 0.2705

Square

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



24.3402, 0.2811, 0.3712



24.3402, 0.2424, 0.2706



24.3402, 0.3422, 0.2915



24.3402, 0.3871, 0.3842

Rectangle

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



24.3402, 0.2811, 0.3712



24.3402, 0.2402, 0.3061



24.3402, 0.3422, 0.2915



24.3402, 0.3911, 0.3436

Sweetspot

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



24.3412, 0.2811, 0.3712



47.8837, 0.3023, 0.3405



24.9994, 0.3305, 0.4273



10.5911, 0.3013, 0.3418



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.



24.3412, 0.2811, 0.3712



41.6518, 0.2750, 0.3832



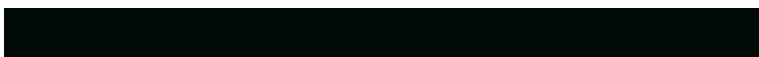
23.6256, 0.2622, 0.3207



6.5219, 0.3042, 0.3383



18.6786, 0.2632, 0.4676



0.2345, 0.2443, 0.3995

Inverse Universe

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



15.1787, 0.3614, 0.2908



22.9181, 0.3783, 0.2817



15.5293, 0.3938, 0.3371



5.8529, 0.3221, 0.3199



5.6745, 0.5260, 0.2671



0.0751, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 24.3402, 0.2811, 0.3712 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 24.3402, 0.2811, 0.3712 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 24.3402, 0.2811, 0.3712

Background



This preview shows how black text looks on a background with the Yxy color 24.3402, 0.2811, 0.3712.



This preview shows how white text looks on a background with the Yxy color 24.3402, 0.2811, 0.3712.

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

24.3402, 0.2811, 0.3712

Protanopia

24.0209, 0.3381, 0.3565

Deuteranopia

23.9816, 0.3397, 0.3340



Tritanopia

24.3552, 0.2625, 0.3091

Trichromacy



Original Color

24.3402, 0.2811, 0.3712

Protanomaly

23.8181, 0.3156, 0.3615

Deuteranomaly

23.7818, 0.3152, 0.3467

Tritanomaly

24.1393, 0.2690, 0.3307

Monochromacy



Original Color

24.3402, 0.2811, 0.3712

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.5051, 0.2989, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3402, 0.2811, 0.3712 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, 146, 124)` looks like.

```
.text, #text, p{  
  color:rgb(93, 146, 124)  
}
```

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, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.3402, 0.2811, 0.3712 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, 146, 124) }
```

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

```
.border{ border-color:rgb(93, 146, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3402, 0.2811, 0.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 124) }
```

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

```
.background{ background-color: rgb(93, 146,  
124) }
```

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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