

Converting Colors

$Y_{xy}(25.0778, 0.3100, 0.3578)$

Have a look what the booklet for
Yxy(25.0778, 0.3100, 0.3578)
contains.

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Color

Yxy(25.1374, 0.3093, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	7C8E7E
RGB	124, 142, 126
RGB Percent	49%, 56%, 49%
CMY	0.5136, 0.4432, 0.5059
CMYK	0.13, 0.00, 0.11, 0.44
HSL	127°, 7%, 52%
HSV	127°, 13%, 56%
XYZ	21.7543, 25.1374, 23.4423
YIQ	134.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

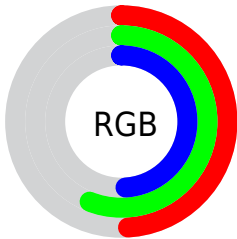
Format	Color
RYB	124, 140, 142
Decimal	8162942
CIELab	57.21, -9.71, 6.35
CIELCh	57, 11.602, 146.801
Yxy	25.1374, 0.3093, 0.3574
Android (android.graphics.Color)	4286353022 (0xFF7C8E7E)
YUV	134.7940, -4.3354, -9.4663
Hunter-Lab	50.1372, -10.2897, 7.3742

Details

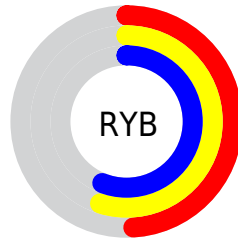
The Yxy color $25.1374, 0.3093, 0.3574$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.0686, 0.3163, 0.3022$, and the grayscale version is $24.1684, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.0816, 0.3101, 0.3510$, and $9.6860, 0.3077, 0.3694$ is the 20% darker color. If you saturate the color by 10%, you get $23.8491, 0.3065, 0.3831$, and if you desaturate by 10%, it is $26.6215, 0.3120, 0.3346$.

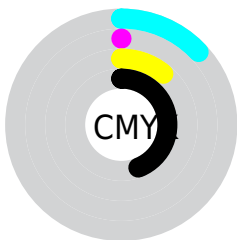
Distribution



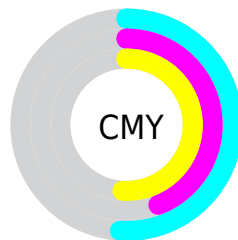
- Red (49%)
- Green (56%)
- Blue (49%)



- Red (49%)
- Yellow (55%)
- Blue (56%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.1374, 0.3093, 0.3574 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 25.1374, 0.3093, 0.3574 by changing the saturation by 10% instead.

■ 25.1374, 0.3093,
0.3574

■ 25.1374, 0.3093,
0.3574

278.5215, 0.3113,
0.3415

■ 16.1795, 0.3087,
0.3621

■ 51.8800, 0.3101,
0.3511

■ 9.6512, 0.3077,
0.3686

■ 70.4335, 0.3104,
0.3489

■ 5.1683, 0.3063,
0.3784

■ 92.9543, 0.3106,
0.3471

■ 2.3464, 0.3037,
0.3945

119.8268, 0.3108,
0.3456

■ 0.7981, 0.2990,
0.4575

151.4353, 0.3110,
0.3443

■ 0.0000, 0.0000,
0.0000

188.1644, 0.3111,

0.3433

230.3983, 0.3112,
0.3423

■ 25.1374, 0.3093,
0.3574

■ 25.1374, 0.3093,
0.3574

■ 23.8491, 0.3065,
0.3831

■ 26.6215, 0.3120,
0.3346

■ 22.7453, 0.3038,
0.4115

■ 28.3058, 0.3146,
0.3145

■ 21.8187, 0.3012,
0.4421

■ 30.1983, 0.3170,
0.2971

■ 21.0598, 0.2990,
0.4739

■ 32.3060, 0.3193,
0.2820

■ 20.4586, 0.2973,
0.5055

■ 34.6354, 0.3214,
0.2689

■ 20.0040, 0.2963,
0.5350

■ 37.1925, 0.3233,
0.2576

■ 19.6832, 0.2962,
0.5603

■ 39.9835, 0.3250,
0.2478

■ 19.4813, 0.2969,
0.5798

■ 43.0140, 0.3266,
0.2393

■ 19.3806, 0.2973,
0.5901

■ 46.2895, 0.3280,
0.2320

Harmonies

Analogous

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



25.1374, 0.3292, 0.3641



25.1374, 0.3093, 0.3574



25.1374, 0.2908, 0.3423

Triad

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



25.1374, 0.3093, 0.3574



25.1374, 0.2810, 0.2975



25.1374, 0.3483, 0.3327

Complementary

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



25.1374, 0.3093, 0.3574



22.0686, 0.3163, 0.3022

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.



25.1374, 0.3346, 0.3160



25.1374, 0.3093, 0.3574



25.1374, 0.2956, 0.2960

Square

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



25.1374, 0.3093, 0.3574



25.1374, 0.2748, 0.3073



25.1374, 0.3152, 0.3028



25.1374, 0.3521, 0.3490

Rectangle

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



25.1374, 0.3093, 0.3574



25.1374, 0.2816, 0.3299



25.1374, 0.3152, 0.3028



25.1374, 0.3447, 0.3269

Sweetspot

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



25.1385, 0.3093, 0.3574



46.5517, 0.3116, 0.3377



26.3935, 0.3289, 0.3593



10.3559, 0.3114, 0.3392



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1385, 0.3093, 0.3574



43.6945, 0.3086, 0.3640



25.3762, 0.3008, 0.3415



6.0384, 0.3103, 0.3492



17.4037, 0.2971, 0.5897



0.1679, 0.2851, 0.5464

Inverse Universe

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



22.0686, 0.3163, 0.3022



37.2575, 0.3171, 0.2964



21.8188, 0.3264, 0.3168



5.5010, 0.3153, 0.3096



6.5288, 0.3497, 0.1700



0.0643, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 25.1374, 0.3093, 0.3574 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 25.1374, 0.3093, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

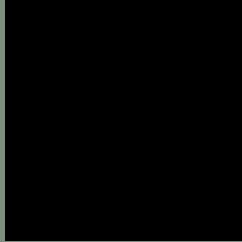
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1374, 0.3093, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 25.1374, 0.3093, 0.3574.



This preview shows how white text looks on a background with the Yxy color 25.1374, 0.3093, 0.3574.

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

25.1374, 0.3093, 0.3574

Protanopia

25.1610, 0.3343, 0.3527

Deuteranopia

24.9311, 0.3429, 0.3356



Tritanopia

25.2564, 0.2905, 0.3104

Trichromacy



Original Color

25.1374, 0.3093, 0.3574

Protanomaly

25.1547, 0.3248, 0.3548

Deuteranomaly

24.9803, 0.3302, 0.3442

Tritanomaly

25.1913, 0.2980, 0.3272

Monochromacy



Original Color

25.1374, 0.3093, 0.3574

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6682, 0.3111, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1374, 0.3093, 0.3574 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(124, 142, 126)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 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(124, 142, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.1374, 0.3093, 0.3574 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(124, 142, 126) }
```

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

```
.border{ border-color:rgb(124, 142, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 142, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 126);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1374, 0.3093, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 126) }
```

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

```
.background{ background-color: rgb(124,  
142, 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](#).

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