

Converting Colors

$Y_{xy}(24.9461, 0.3387, 0.3423)$

Have a look what the booklet for
Yxy(24.9461, 0.3387, 0.3423)
contains.

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Color

Yxy(24.9461, 0.3387, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	95867E
RGB	149, 134, 126
RGB Percent	58%, 53%, 49%
CMY	0.4157, 0.4745, 0.5059
CMYK	0.00, 0.10, 0.15, 0.42
HSL	21°, 10%, 54%
HSV	21°, 15%, 58%
XYZ	24.6837, 24.9461, 23.2480
YIQ	137.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

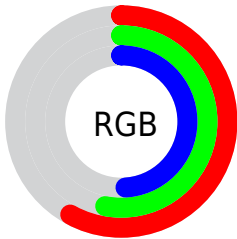
Format	Color
RYB	149, 138, 126
Decimal	9799294
CIELab	57.02, 4.25, 6.36
CIELCh	57, 7.652, 56.270
Yxy	24.9461, 0.3387, 0.3423
Android (android.graphics.Color)	4287989374 (0xFF95867E)
YUV	137.5730, -5.7055, 10.0215
Hunter-Lab	49.9461, 0.8105, 7.3650

Details

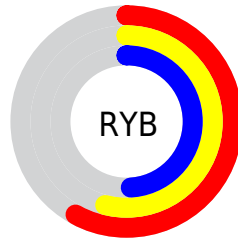
The Yxy color $24.9461, 0.3387, 0.3423$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.6462, 0.2895, 0.3153$, and the grayscale version is $25.2634, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4918, 0.3326, 0.3389$, and $9.4731, 0.3489, 0.3462$ is the 20% darker color. If you saturate the color by 10%, you get $22.0297, 0.3592, 0.3515$, and if you desaturate by 10%, it is $28.1682, 0.3212, 0.3335$.

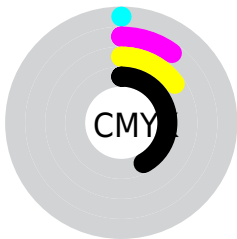
Distribution



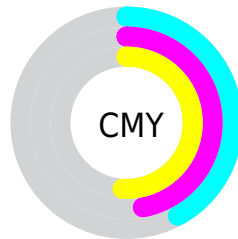
- Red (58%)
- Green (53%)
- Blue (49%)



- Red (58%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (42%)



- Cyan (42%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9461, 0.3387, 0.3423 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 24.9461, 0.3387, 0.3423 by changing the saturation by 10% instead.

■ 24.9461, 0.3387,
0.3423

■ 24.9461, 0.3387,
0.3423

277.5694, 0.3243,
0.3351

■ 16.0369, 0.3429,
0.3443

■ 51.5698, 0.3331,
0.3395

■ 9.5503, 0.3486,
0.3471

■ 70.0530, 0.3311,
0.3385

■ 5.1018, 0.3570,
0.3510

■ 92.4964, 0.3295,
0.3377

■ 2.3071, 0.3706,
0.3570

119.2844, 0.3281,
0.3370

■ 0.7775, 0.4168,
0.3845

150.8012, 0.3269,
0.3364

■ 0.0000, 0.0000,
0.0000

187.4314, 0.3259,

0.3359

229.5594, 0.3251,
0.3355

■ 24.9461, 0.3387,
0.3423

■ 24.9461, 0.3387,
0.3423

■ 22.0297, 0.3592,
0.3515

■ 28.1682, 0.3212,
0.3335

■ 19.4067, 0.3830,
0.3609

■ 31.7015, 0.3062,
0.3253

■ 17.0685, 0.4103,
0.3700

■ 35.5554, 0.2934,
0.3178

■ 15.0049, 0.4408,
0.3780

■ 39.7379, 0.2825,
0.3108

■ 13.2053, 0.4739,
0.3842

■ 44.2567, 0.2732,
0.3045

■ 11.6580, 0.5078,
0.3872

■ 49.1193, 0.2652,
0.2987

■ 10.3504, 0.5403,
0.3860

■ 54.3329, 0.2582,
0.2934

■ 9.2677, 0.5685,
0.3801

■ 59.9045, 0.2522,
0.2886

■ 8.8397, 0.5808,
0.3770

■ 65.5094, 0.2493,
0.2896

Harmonies

Analogous

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



24.9461, 0.3361, 0.3314



24.9461, 0.3387, 0.3423



24.9461, 0.3342, 0.3500

Triad

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



24.9461, 0.3387, 0.3423



24.9461, 0.2984, 0.3380



24.9461, 0.3012, 0.3069

Complementary

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



24.9461, 0.3387, 0.3423



25.6462, 0.2895, 0.3153

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.



24.9461, 0.2915, 0.3082



24.9461, 0.3387, 0.3423



24.9461, 0.2899, 0.3259

Square

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



24.9461, 0.3387, 0.3423



24.9461, 0.3108, 0.3477



24.9461, 0.2874, 0.3150



24.9461, 0.3142, 0.3113

Rectangle

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



24.9461, 0.3387, 0.3423



24.9461, 0.3278, 0.3521



24.9461, 0.2874, 0.3150



24.9461, 0.2975, 0.3067

Sweetspot

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



24.9472, 0.3387, 0.3423



50.6563, 0.3206, 0.3332



23.2401, 0.3229, 0.3040



11.1412, 0.3216, 0.3338



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.9472, 0.3387, 0.3423



42.5564, 0.3464, 0.3459



28.1944, 0.3360, 0.3601



6.1264, 0.3274, 0.3368



7.4919, 0.5796, 0.3780



0.1430, 0.5067, 0.4358

Inverse Universe

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



25.6462, 0.2895, 0.3153



44.0848, 0.2836, 0.3115



22.5222, 0.2888, 0.2958



6.2253, 0.2989, 0.3211



9.0875, 0.1927, 0.2136



0.1666, 0.2088, 0.2718

Previews

White Background



This preview shows how the Yxy color 24.9461, 0.3387, 0.3423 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 24.9461, 0.3387, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

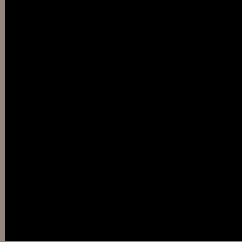
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9461, 0.3387, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 24.9461, 0.3387, 0.3423.



This preview shows how white text looks on a background with the Yxy color 24.9461, 0.3387, 0.3423.

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

24.9461, 0.3387, 0.3423

Protanopia

24.8914, 0.3290, 0.3442

Deuteranopia

24.8789, 0.3452, 0.3388



Tritanopia

25.0348, 0.3237, 0.3130

Trichromacy



Original Color

24.9461, 0.3387, 0.3423

Protanomaly

24.8800, 0.3327, 0.3424

Deuteranomaly

24.9568, 0.3425, 0.3405

Tritanomaly

25.0367, 0.3290, 0.3242

Monochromacy



Original Color

24.9461, 0.3387, 0.3423

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.3633, 0.3214, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9461, 0.3387, 0.3423 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(149, 134, 126)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 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(149, 134, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 126) }
```

Border

The CSS property to change the border of an element to Yxy 24.9461, 0.3387, 0.3423 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(149, 134, 126) }
```

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

```
.border{ border-color:rgb(149, 134, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 134, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 126);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9461, 0.3387, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 126) }
```

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

```
.background{ background-color: rgb(149,  
134, 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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