

Converting Colors

$Y_{xy}(25.0013, 0.3465, 0.3724)$

Have a look what the booklet for
Yxy(25.0013, 0.3465, 0.3724)
contains.

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Color

Yxy(24.9008, 0.3462, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	8F8970
RGB	143, 137, 112
RGB Percent	56%, 54%, 44%
CMY	0.4392, 0.4627, 0.5608
CMYK	0.00, 0.04, 0.22, 0.44
HSL	48°, 12%, 50%
HSV	48°, 22%, 56%
XYZ	23.1988, 24.9008, 18.9101
YIQ	135.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

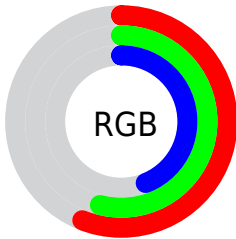
Format	Color
R_{YB}	119, 143, 112
Decimal	9406832
CIE _{Lab}	56.98, -2.09, 14.24
CIE _{LCh}	57, 14.392, 98.351
Yxy	24.9008, 0.3462, 0.3716
Android (android.graphics.Color)	4287596912 (0xFF8F8970)
YUV	135.9440, -11.8044, 6.1881
Hunter-Lab	49.9007, -4.3419, 12.4622

Details

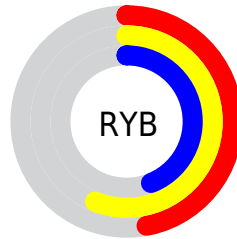
The Yxy color **24.9008, 0.3462, 0.3716** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3845, 0.2784, 0.2825**, and the grayscale version is **24.6410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3776, 0.3390, 0.3618**, and **9.4619, 0.3581, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **23.8307, 0.3630, 0.3918**, and if you desaturate by 10%, it is **26.0439, 0.3302, 0.3516**.

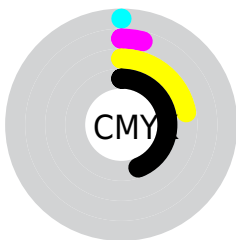
Distribution



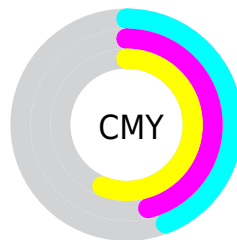
- Red (56%)
- Green (54%)
- Blue (44%)



- Red (47%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (44%)




- Cyan (44%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9008, 0.3462, 0.3716 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 24.9008, 0.3462, 0.3716 by changing the saturation by 10% instead.


 24.9008, 0.3462,
0.3716


 24.9008, 0.3462,
0.3716


277.3436, 0.3278,
0.3480


 16.0032, 0.3514,
0.3784


 51.4962, 0.3391,
0.3624


 9.5264, 0.3584,
0.3877


 69.9628, 0.3366,
0.3591

 5.0861, 0.3685,
0.4012

 92.3879, 0.3345,
0.3565

 2.2979, 0.3840,
0.4224

 119.1558, 0.3327,
0.3542

 0.7726, 0.4693,
0.5307

150.6509, 0.3312,
0.3523

 0.0000, 0.0000,
0.0000

187.2576, 0.3299,

0.3507

229.3604, 0.3288,
0.3492

■ 24.9008, 0.3462,
0.3716

■ 24.9008, 0.3462,
0.3716

■ 23.8307, 0.3630,
0.3918

■ 26.0439, 0.3302,
0.3516

■ 22.8279, 0.3801,
0.4115

■ 27.2591, 0.3151,
0.3322

■ 21.8906, 0.3971,
0.4300

■ 28.5497, 0.3012,
0.3138

■ 21.0158, 0.4133,
0.4462

■ 29.9179, 0.2885,
0.2965

■ 20.2004, 0.4280,
0.4593

■ 31.3657, 0.2769,
0.2805

■ 19.4407, 0.4405,
0.4685

■ 32.8950, 0.2665,
0.2657

■ 18.7321, 0.4504,
0.4733

■ 34.5077, 0.2571,
0.2522

■ 18.1725, 0.4574,
0.4751

■ 36.2056, 0.2486,
0.2398

■ 37.9903, 0.2410,
0.2285

Harmonies

Analogous

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



24.9008, 0.3599, 0.3602



24.9008, 0.3462, 0.3716



24.9008, 0.3237, 0.3713

Triad

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



24.9008, 0.3462, 0.3716



24.9008, 0.2671, 0.3135



24.9008, 0.3254, 0.3022

Complementary

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



24.9008, 0.3462, 0.3716



18.3845, 0.2784, 0.2825

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.



24.9008, 0.3003, 0.2905



24.9008, 0.3462, 0.3716



24.9008, 0.2674, 0.2961

Square

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



24.9008, 0.3462, 0.3716



24.9008, 0.2784, 0.3366



24.9008, 0.2793, 0.2881



24.9008, 0.3478, 0.3204

Rectangle

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



24.9008, 0.3462, 0.3716



24.9008, 0.3070, 0.3639



24.9008, 0.2793, 0.2881



24.9008, 0.3170, 0.2974

Sweetspot

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



24.9019, 0.3462, 0.3716



47.6055, 0.3232, 0.3427



18.7397, 0.3465, 0.3182



10.8922, 0.3240, 0.3436



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.



24.9019, 0.3462, 0.3716



43.6412, 0.3543, 0.3814



25.8616, 0.3337, 0.3830



6.1103, 0.3263, 0.3466



16.0945, 0.4571, 0.4752



0.1833, 0.4365, 0.4916

Inverse Universe

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



18.3845, 0.2784, 0.2825



29.8402, 0.2698, 0.2704



17.6565, 0.2885, 0.2727



5.4137, 0.2990, 0.3107



2.5002, 0.1561, 0.0821



0.0489, 0.1742, 0.1469

Previews

White Background



This preview shows how the Yxy color 24.9008, 0.3462, 0.3716 looks on a white background.

Color Contrast Check

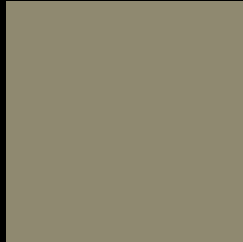
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9008, 0.3462, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

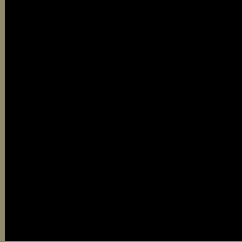
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9008, 0.3462, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 24.9008, 0.3462, 0.3716.



This preview shows how white text looks on a background with the Yxy color 24.9008, 0.3462, 0.3716.

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

24.9008, 0.3462, 0.3716

Protanopia

24.7979, 0.3489, 0.3696

Deuteranopia

24.6940, 0.3654, 0.3581



Tritanopia

24.9613, 0.3180, 0.3128

Trichromacy



Original Color

24.9008, 0.3462, 0.3716

Protanomaly

24.7075, 0.3477, 0.3698

Deuteranomaly

24.7396, 0.3585, 0.3619

Tritanomaly

24.8271, 0.3286, 0.3324

Monochromacy



Original Color

24.9008, 0.3462, 0.3716

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6296, 0.3255, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9008, 0.3462, 0.3716 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(143, 137, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 112)  
}
```

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(143, 137, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.9008, 0.3462, 0.3716 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(143, 137, 112) }
```

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

```
.border{ border-color:rgb(143, 137, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9008, 0.3462, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 112) }
```

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

```
.background{ background-color: rgb(143,  
137, 112) }
```

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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