

Converting Colors

$Y_{xy}(24.0557, 0.3604, 0.3622)$

Have a look what the booklet for
Yxy(24.0557, 0.3604, 0.3622)
contains.

Yxy(24.0557, 0.3604, 0.3622)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0557, 0.3604, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	98836F
RGB	152, 131, 111
RGB Percent	60%, 51%, 44%
CMY	0.4039, 0.4863, 0.5647
CMYK	0.00, 0.14, 0.27, 0.40
HSL	29°, 17%, 52%
HSV	29°, 27%, 60%
XYZ	23.9362, 24.0557, 18.4237
YIQ	134.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

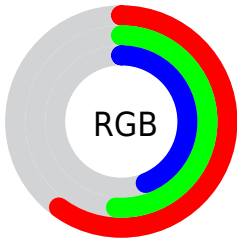
Format	Color
R_{YB}	152, 150, 111
Decimal	9995119
CIE Lab	56.14, 4.79, 13.76
CIE LCh	56, 14.573, 70.829
Yxy	24.0557, 0.3604, 0.3622
Android (android.graphics.Color)	4288185199 (0xFF98836F)
YUV	134.9990, -11.8315, 14.9099
Hunter-Lab	49.0466, 1.2815, 12.0612

Details

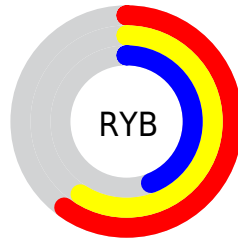
The Yxy color $24.0557, 0.3604, 0.3622$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.1558, 0.2711, 0.2933$, and the grayscale version is $24.2687, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1907, 0.3499, 0.3549$, and $9.1028, 0.3782, 0.3754$ is the 20% darker color. If you saturate the color by 10%, you get $21.7354, 0.3825, 0.3751$, and if you desaturate by 10%, it is $26.5925, 0.3408, 0.3494$.

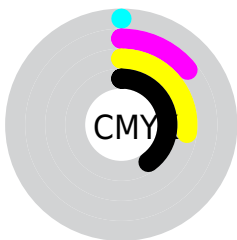
Distribution



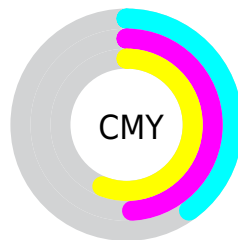
- Red (60%)
- Green (51%)
- Blue (44%)



- Red (60%)
- Yellow (59%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (40%)





- Cyan (40%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0557, 0.3604, 0.3622 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 24.0557, 0.3604, 0.3622 by changing the saturation by 10% instead.


 24.0557, 0.3604,
0.3622


 24.0557, 0.3604,
0.3622


273.1020, 0.3338,
0.3441

 15.3749, 0.3681,
0.3672


 50.1211, 0.3500,
0.3553

 9.0830, 0.3787,
0.3740


 68.2745, 0.3463,
0.3528

 4.7953, 0.3941,
0.3835

 90.3542, 0.3433,
0.3507

 2.1277, 0.4185,
0.3977

 116.7447, 0.3408,
0.3490

 0.6801, 0.5288,
0.4712

147.8304, 0.3387,
0.3475

 0.0000, 0.0000,
0.0000

183.9955, 0.3368,

0.3462

225.6246, 0.3352,
0.3451

■ 24.0557, 0.3604,
0.3622

■ 24.0557, 0.3604,
0.3622

■ 21.7354, 0.3825,
0.3751

■ 26.5925, 0.3408,
0.3494

■ 19.6221, 0.4069,
0.3875

■ 29.3486, 0.3235,
0.3372

■ 17.7100, 0.4332,
0.3987

■ 32.3307, 0.3083,
0.3256

■ 15.9922, 0.4606,
0.4075

■ 35.5445, 0.2952,
0.3148

■ 14.4608, 0.4878,
0.4128

■ 38.9951, 0.2837,
0.3048

■ 13.1074, 0.5131,
0.4135

■ 42.6877, 0.2737,
0.2957

■ 11.9204, 0.5354,
0.4093

■ 46.6273, 0.2649,
0.2873

■ 11.5887, 0.5421,
0.4078

■ 50.8185, 0.2572,
0.2797

■ 55.2661, 0.2505,
0.2727

Harmonies

Analogous

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



24.0557, 0.3623, 0.3433



24.0557, 0.3604, 0.3622



24.0557, 0.3454, 0.3731

Triad

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



24.0557, 0.3604, 0.3622



24.0557, 0.2762, 0.3347



24.0557, 0.3020, 0.2902

Complementary

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



24.0557, 0.3604, 0.3622



22.1558, 0.2711, 0.2933

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.



24.0557, 0.2800, 0.2869



24.0557, 0.3604, 0.3622



24.0557, 0.2656, 0.3114

Square

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



24.0557, 0.3604, 0.3622



24.0557, 0.2966, 0.3574



24.0557, 0.2669, 0.2942



24.0557, 0.3278, 0.3029

Rectangle

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



24.0557, 0.3604, 0.3622



24.0557, 0.3302, 0.3737



24.0557, 0.2669, 0.2942



24.0557, 0.2939, 0.2880

Sweetspot

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



24.0568, 0.3604, 0.3622



51.1992, 0.3254, 0.3386



19.7190, 0.3403, 0.2942



11.4763, 0.3278, 0.3403



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.0568, 0.3604, 0.3622



40.0957, 0.3726, 0.3695



30.0625, 0.3525, 0.3933



6.6949, 0.3272, 0.3399



9.7773, 0.5411, 0.4086



0.2186, 0.4802, 0.4569

Inverse Universe

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



22.1558, 0.2711, 0.2933



36.1998, 0.2621, 0.2846



17.1687, 0.2675, 0.2554



6.5235, 0.2989, 0.3179



6.5190, 0.1793, 0.1656



0.1703, 0.2000, 0.2398

Previews

White Background



This preview shows how the Yxy color 24.0557, 0.3604, 0.3622 looks on a white background.

Color Contrast Check

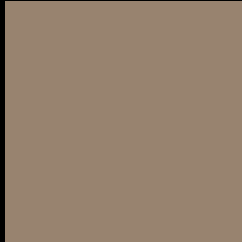
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0557, 0.3604, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

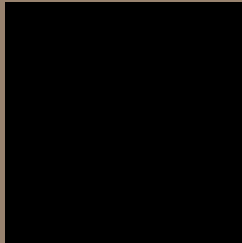
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0557, 0.3604, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 24.0557, 0.3604, 0.3622.



This preview shows how white text looks on a background with the Yxy color 24.0557, 0.3604, 0.3622.

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

24.0557, 0.3604, 0.3622

Protanopia

23.9932, 0.3448, 0.3651

Deuteranopia

23.9161, 0.3662, 0.3585



Tritanopia

23.9534, 0.3349, 0.3131

Trichromacy



Original Color

24.0557, 0.3604, 0.3622

Protanomaly

24.0559, 0.3511, 0.3646

Deuteranomaly

24.0815, 0.3645, 0.3602

Tritanomaly

23.8669, 0.3439, 0.3291

Monochromacy



Original Color

24.0557, 0.3604, 0.3622

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2193, 0.3293, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0557, 0.3604, 0.3622 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(152, 131, 111)` looks like.

```
.text, #text, p{  
    color:rgb(152, 131, 111)  
}
```

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(152, 131, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 131, 111) }
```

Border

The CSS property to change the border of an element to Yxy 24.0557, 0.3604, 0.3622 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(152, 131, 111) }
```

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

```
.border{ border-color:rgb(152, 131, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 131, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 131, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 131, 111);  
box-shadow:4px 4px 4px 4px rgb(152, 131,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0557, 0.3604, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 131, 111) }
```

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

```
.background{ background-color: rgb(152,  
131, 111) }
```

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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