

Converting Colors

$Y_{xy}(24.4210, 0.3609, 0.3661)$

Have a look what the booklet for
Yxy(24.4210, 0.3609, 0.3661)
contains.

Yxy(24.3037, 0.3611, 0.3655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3037, 0.3611, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	98846E
RGB	152, 132, 110
RGB Percent	60%, 52%, 43%
CMY	0.4040, 0.4823, 0.5686
CMYK	0.00, 0.13, 0.28, 0.40
HSL	31°, 17%, 51%
HSV	31°, 28%, 60%
XYZ	24.0111, 24.3037, 18.1796
YIQ	135.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

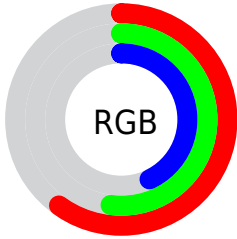
Format	Color
R_{YB}	148, 152, 110
Decimal	9995374
CIE _{Lab}	56.39, 4.05, 14.68
CIE _{LCh}	56, 15.230, 74.579
Yxy	24.3037, 0.3611, 0.3655
Android (android.graphics.Color)	4288185454 (0xFF98846E)
YUV	135.4720, -12.5577, 14.4951
Hunter-Lab	49.2988, 0.6661, 12.6452

Details

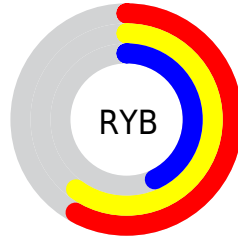
The Yxy color $24.3037, 0.3611, 0.3655$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $21.5385, 0.2698, 0.2895$, and the grayscale version is $24.4552, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5720, 0.3505, 0.3574$, and $9.2436, 0.3791, 0.3801$ is the 20% darker color. If you saturate the color by 10%, you get $22.1083, 0.3827, 0.3793$, and if you desaturate by 10%, it is $26.6939, 0.3417, 0.3518$.

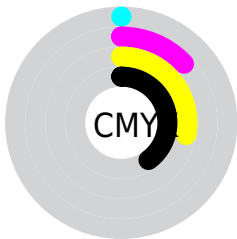
Distribution



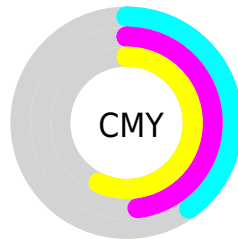
- Red (60%)
- Green (52%)
- Blue (43%)



- Red (58%)
- Yellow (60%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (28%)
- Black (40%)





- Cyan (40%)
- Magenta (48%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3037, 0.3611, 0.3655 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 24.3037, 0.3611, 0.3655 by changing the saturation by 10% instead.


 24.3037, 0.3611,
0.3655


 24.3037, 0.3611,
0.3655


274.3523, 0.3342,
0.3456


 15.5591, 0.3688,
0.3710


 50.5253, 0.3506,
0.3579

 9.2127, 0.3795,
0.3785


 68.7711, 0.3469,
0.3551

 4.8802, 0.3949,
0.3890

 90.9528, 0.3438,
0.3528

 2.1771, 0.4190,
0.4046

 117.4546, 0.3413,
0.3509

 0.7075, 0.5216,
0.4784

148.6611, 0.3391,
0.3493

 0.0000, 0.0000,
0.0000

184.9566, 0.3373,

0.3479

226.7256, 0.3356,
0.3467

■ 24.3037, 0.3611,
0.3655

■ 24.3037, 0.3611,
0.3655

■ 22.1083, 0.3827,
0.3793

■ 26.6939, 0.3417,
0.3518

■ 20.0989, 0.4063,
0.3926

■ 29.2811, 0.3245,
0.3386

■ 18.2704, 0.4315,
0.4044

■ 32.0712, 0.3093,
0.3261

■ 16.6167, 0.4574,
0.4139

■ 35.0694, 0.2959,
0.3144

■ 15.1306, 0.4827,
0.4197

■ 38.2802, 0.2843,
0.3036

■ 13.8046, 0.5061,
0.4208

■ 41.7083, 0.2740,
0.2937

■ 12.6273, 0.5266,
0.4172

■ 45.3578, 0.2651,
0.2846

■ 12.3646, 0.5315,
0.4162

■ 49.2332, 0.2572,
0.2763

■ 53.3385, 0.2503,
0.2687

Harmonies

Analogous

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



24.3037, 0.3650, 0.3466



24.3037, 0.3611, 0.3655



24.3037, 0.3440, 0.3756

Triad

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



24.3037, 0.3611, 0.3655



24.3037, 0.2727, 0.3318



24.3037, 0.3048, 0.2899

Complementary

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



24.3037, 0.3611, 0.3655



21.5385, 0.2698, 0.2895

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.



24.3037, 0.2811, 0.2851



24.3037, 0.3611, 0.3655



24.3037, 0.2632, 0.3079

Square

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



24.3037, 0.3611, 0.3655



24.3037, 0.2928, 0.3560



24.3037, 0.2661, 0.2912



24.3037, 0.3317, 0.3040

Rectangle

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



24.3037, 0.3611, 0.3655



24.3037, 0.3277, 0.3751



24.3037, 0.2661, 0.2912



24.3037, 0.2962, 0.2871

Sweetspot

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



24.3048, 0.3611, 0.3655



51.4473, 0.3253, 0.3393



19.4460, 0.3430, 0.2955



11.5419, 0.3277, 0.3411



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.



24.3048, 0.3611, 0.3655



40.5387, 0.3739, 0.3738



30.1791, 0.3524, 0.3961



6.7318, 0.3271, 0.3407



10.4338, 0.5305, 0.4170



0.2288, 0.4741, 0.4618

Inverse Universe

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



21.5385, 0.2698, 0.2895



34.8437, 0.2601, 0.2794



16.7804, 0.2669, 0.2522



6.4867, 0.2989, 0.3170



5.8805, 0.1760, 0.1535



0.1601, 0.1975, 0.2310

Previews

White Background



This preview shows how the Yxy color 24.3037, 0.3611, 0.3655 looks on a white background.

Color Contrast Check

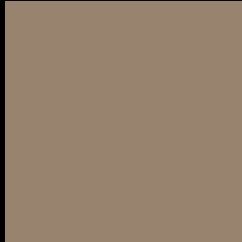
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3037, 0.3611, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

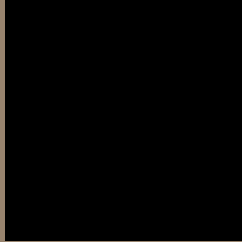
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3037, 0.3611, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 24.3037, 0.3611, 0.3655.

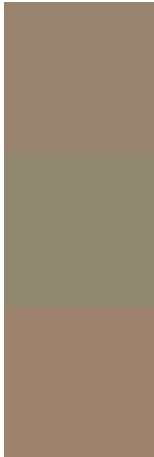


This preview shows how white text looks on a background with the Yxy color 24.3037, 0.3611, 0.3655.

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

24.3037, 0.3611, 0.3655

Protanopia

24.3153, 0.3479, 0.3701

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

24.2419, 0.3335, 0.3131

Trichromacy



Original Color

24.3037, 0.3611, 0.3655

Protanomaly

24.3089, 0.3519, 0.3680

Deuteranomaly

24.3270, 0.3653, 0.3634

Tritanomaly

24.1291, 0.3437, 0.3307

Monochromacy



Original Color

24.3037, 0.3611, 0.3655

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 24.3037, 0.3611, 0.3655 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, 132, 110)` looks like.

```
.text, #text, p{  
    color:rgb(152, 132, 110)  
}
```

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, 132, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 132, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.3037, 0.3611, 0.3655 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, 132, 110) }
```

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

```
.border{ border-color:rgb(152, 132, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 132, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 132, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 132, 110);  
box-shadow:4px 4px 4px 4px rgb(152, 132,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3037, 0.3611, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 132, 110) }
```

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

```
.background{ background-color: rgb(152,  
132, 110) }
```

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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