

Converting Colors

$Y_{xy}(24.4455, 0.3584, 0.3371)$

Have a look what the booklet for
Yxy(24.4455, 0.3584, 0.3371)
contains.

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Color

Yxy(24.4455, 0.3584, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	A1807B
RGB	161, 128, 123
RGB Percent	63%, 50%, 48%
CMY	0.3687, 0.4980, 0.5177
CMYK	0.00, 0.20, 0.24, 0.37
HSL	8°, 17%, 56%
HSV	8°, 24%, 63%
XYZ	25.9901, 24.4455, 22.0814
YIQ	137.2970, 21.2730, 5.4410

Conversions

Conversions Part 2

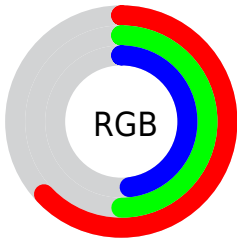
Format	Color
R_{YB}	161, 129, 123
Decimal	10584187
CIE _{Lab}	56.53, 11.90, 7.55
CIE _{LCh}	57, 14.093, 32.393
Yxy	24.4455, 0.3584, 0.3371
Android (android.graphics.Color)	4288774267 (0xFFA1807B)
YUV	137.2970, -7.0484, 20.7875
Hunter-Lab	49.4424, 7.3069, 8.1302

Details

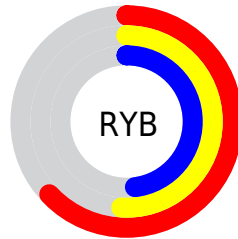
The Yxy color $24.4455, 0.3584, 0.3371$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.5479, 0.2780, 0.3207$, and the grayscale version is $25.1557, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7418, 0.3484, 0.3363$, and $9.3376, 0.3772, 0.3406$ is the 20% darker color. If you saturate the color by 10%, you get $20.6788, 0.3851, 0.3408$, and if you desaturate by 10%, it is $28.7826, 0.3364, 0.3335$.

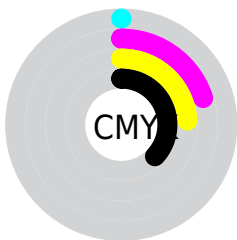
Distribution



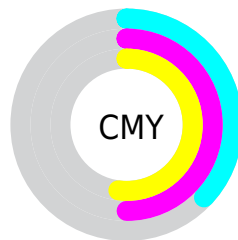
- Red (63%)
- Green (50%)
- Blue (48%)



- Red (63%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (37%)





- Cyan (37%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4455, 0.3584, 0.3371 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 24.4455, 0.3584, 0.3371 by changing the saturation by 10% instead.


 24.4455, 0.3584,
0.3371

 24.4455, 0.3584,
0.3371


275.0651, 0.3329,
0.3330


 15.6644, 0.3658,
0.3381


 50.7562, 0.3484,
0.3356

 9.2870, 0.3761,
0.3393


 69.0547, 0.3449,
0.3351

 4.9289, 0.3912,
0.3409

 91.2943, 0.3420,
0.3346

 2.2056, 0.4157,
0.3426

117.8596, 0.3396,
0.3342

 0.7230, 0.5007,
0.3675


149.1350, 0.3375,
0.3338

 0.0000, 0.0000,
0.0000


185.5047, 0.3358,

0.3335


227.3533, 0.3343,
0.3333


 24.4455, 0.3584,
0.3371


 24.4455, 0.3584,
0.3371


 20.6788, 0.3851,
0.3408


 28.7826, 0.3364,
0.3335


 17.4555, 0.4170,
0.3443


 33.7088, 0.3184,
0.3302


 14.7513, 0.4542,
0.3473


 39.2465, 0.3036,
0.3270


 12.5391, 0.4958,
0.3492


 45.4155, 0.2914,
0.3242

 10.7891, 0.5391,
0.3494


 52.2349, 0.2814,
0.3216


 9.4680, 0.5795,
0.3473


 59.7231, 0.2730,
0.3193

 8.5384, 0.6113,
0.3429

 67.8975, 0.2660,
0.3172

 8.1233, 0.6271,
0.3403

 76.7751, 0.2601,
0.3153

 85.5149, 0.2608,
0.3275

Harmonies

Analogous

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



24.4455, 0.3435, 0.3166



24.4455, 0.3584, 0.3371



24.4455, 0.3605, 0.3565

Triad

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



24.4455, 0.3584, 0.3371



24.4455, 0.3038, 0.3613



24.4455, 0.2766, 0.2894

Complementary

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



24.4455, 0.3584, 0.3371



30.5479, 0.2780, 0.3207

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.



24.4455, 0.2670, 0.2993



24.4455, 0.3584, 0.3371



24.4455, 0.2823, 0.3411

Square

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



24.4455, 0.3584, 0.3371



24.4455, 0.3284, 0.3718



24.4455, 0.2691, 0.3180



24.4455, 0.2958, 0.2898

Rectangle

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



24.4455, 0.3584, 0.3371



24.4455, 0.3543, 0.3662



24.4455, 0.2691, 0.3180



24.4455, 0.2722, 0.2916

Sweetspot

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



24.4466, 0.3584, 0.3371



57.1458, 0.3243, 0.3313



24.1570, 0.3203, 0.2781



12.4275, 0.3253, 0.3315



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.4466, 0.3584, 0.3371



40.3442, 0.3709, 0.3389



29.6939, 0.3521, 0.3654



7.2300, 0.3282, 0.3320



6.5249, 0.6260, 0.3411



0.1784, 0.5784, 0.3790

Inverse Universe

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



30.5479, 0.2780, 0.3207



53.0849, 0.2713, 0.3188



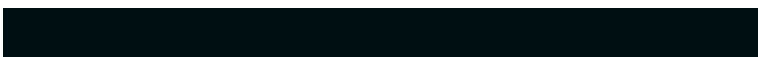
24.8315, 0.2756, 0.2897



7.8507, 0.2988, 0.3259



17.0095, 0.2132, 0.2875



0.3988, 0.2178, 0.3039

Previews

White Background



This preview shows how the Yxy color 24.4455, 0.3584, 0.3371 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 24.4455, 0.3584, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

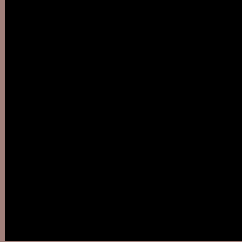
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4455, 0.3584, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 24.4455, 0.3584, 0.3371.



This preview shows how white text looks on a background with the Yxy color 24.4455, 0.3584, 0.3371.

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

24.4455, 0.3584, 0.3371

Protanopia

24.4357, 0.3269, 0.3427

Deuteranopia

24.5078, 0.3501, 0.3438



Tritanopia

24.3807, 0.3447, 0.3135

Trichromacy



Original Color

24.4455, 0.3584, 0.3371

Protanomaly

24.3048, 0.3380, 0.3390

Deuteranomaly

24.5385, 0.3540, 0.3420

Tritanomaly

24.4988, 0.3503, 0.3228

Monochromacy



Original Color

24.4455, 0.3584, 0.3371

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8271, 0.3286, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4455, 0.3584, 0.3371 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(161, 128, 123)` looks like.

```
.text, #text, p{  
    color:rgb(161, 128, 123)  
}
```

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(161, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 128, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.4455, 0.3584, 0.3371 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(161, 128, 123) }
```

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

```
.border{ border-color:rgb(161, 128, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 128, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(161, 128,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4455, 0.3584, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 128, 123) }
```

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

```
.background{ background-color: rgb(161,  
128, 123) }
```

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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