

Converting Colors

$Y_{xy}(24.2475, 0.3560, 0.3043)$

Have a look what the booklet for
Yxy(24.2475, 0.3560, 0.3043)
contains.

Yxy(24.2804, 0.3557, 0.3037)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.2804, 0.3557, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	AC798A
RGB	172, 121, 138
RGB Percent	67%, 47%, 54%
CMY	0.3255, 0.5255, 0.4588
CMYK	0.00, 0.30, 0.20, 0.33
HSL	340°, 24%, 57%
HSV	340°, 30%, 67%
XYZ	28.4377, 24.2804, 27.2305
YIQ	138.1870, 24.9390, 16.0990

Conversions

Conversions Part 2

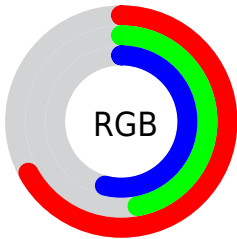
Format	Color
R_{YB}	172, 121, 138
Decimal	11303306
CIE _{Lab}	56.37, 22.49, -1.24
CIE _{LCh}	56, 22.523, 356.855
Y _{xy}	24.2804, 0.3557, 0.3037
Android (android.graphics.Color)	4289493386 (0xFFAC798A)
YUV	138.1870, -0.0922, 29.6540
Hunter-Lab	49.2751, 16.7846, 1.7277

Details

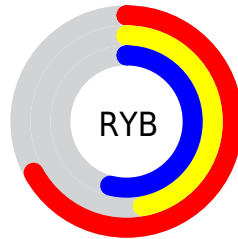
The Yxy color **24.2804, 0.3557, 0.3037** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.9373, 0.2829, 0.3560**, and the grayscale version is **25.4845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5277, 0.3466, 0.3097**, and **9.2612, 0.3728, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **20.1521, 0.3767, 0.2949**, and if you desaturate by 10%, it is **29.1914, 0.3383, 0.3126**.

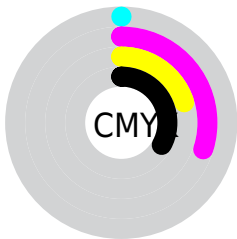
Distribution



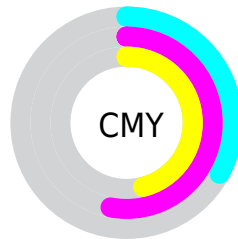
- Red (67%)
- Green (47%)
- Blue (54%)



- Red (67%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2804, 0.3557, 0.3037 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 24.2804, 0.3557, 0.3037 by changing the saturation by 10% instead.


 24.2804, 0.3557,
0.3037


 24.2804, 0.3557,
0.3037


274.2350, 0.3319,
0.3176


 15.5418, 0.3625,
0.2997


 50.4874, 0.3464,
0.3091

 9.2005, 0.3719,
0.2943


 68.7245, 0.3432,
0.3110

 4.8722, 0.3857,
0.2864

 90.8966, 0.3405,
0.3126

 2.1725, 0.4076,
0.2739

117.3880, 0.3382,
0.3139

 0.7049, 0.4505,
0.2485

148.5832, 0.3363,
0.3151

 0.0000, 1.0000,
0.0000

184.8665, 0.3346,

 0.0000, 0.0000,

0.3160

0.0000

226.6223, 0.3332,
0.3169

■ 24.2804, 0.3557,
0.3037

■ 24.2804, 0.3557,
0.3037

■ 20.1521, 0.3767,
0.2949

■ 29.1914, 0.3383,
0.3126

■ 16.7624, 0.4016,
0.2866

■ 34.9194, 0.3240,
0.3212

■ 14.0680, 0.4305,
0.2798

■ 41.5007, 0.3123,
0.3293

■ 12.0198, 0.4628,
0.2756

■ 48.9686, 0.3028,
0.3368

■ 10.5619, 0.4971,
0.2751

■ 57.3545, 0.2949,
0.3437

■ 9.6289, 0.5308,
0.2792

■ 66.6882, 0.2885,
0.3500

■ 9.0864, 0.5618,
0.2871

■ 76.9982, 0.2831,
0.3558

■ 9.0692, 0.5628,
0.2874

■ 85.9898, 0.2784,
0.3572

■ 86.6547, 0.2727,
0.3441

Harmonies

Analogous

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



24.2804, 0.3168, 0.2795



24.2804, 0.3557, 0.3037



24.2804, 0.3834, 0.3345

Triad

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



24.2804, 0.3557, 0.3037



24.2804, 0.3437, 0.3995



24.2804, 0.2404, 0.2855

Complementary

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



24.2804, 0.3557, 0.3037



35.9373, 0.2829, 0.3560

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.



24.2804, 0.2466, 0.3169



24.2804, 0.3557, 0.3037



24.2804, 0.3049, 0.3868

Square

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



24.2804, 0.3557, 0.3037



24.2804, 0.3755, 0.3904



24.2804, 0.2696, 0.3551



24.2804, 0.2518, 0.2681

Rectangle

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



24.2804, 0.3557, 0.3037



24.2804, 0.3907, 0.3557



24.2804, 0.2696, 0.3551



24.2804, 0.2405, 0.2946

Sweetspot

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



24.2815, 0.3557, 0.3037



63.8938, 0.3234, 0.3216



23.6233, 0.2972, 0.2525



13.5439, 0.3252, 0.3204



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.2815, 0.3557, 0.3037



38.6641, 0.3700, 0.2975



25.9850, 0.3736, 0.3420



8.0577, 0.3236, 0.3215



6.7582, 0.5601, 0.2859



0.1983, 0.4751, 0.2391

Inverse Universe

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



24.2815, 0.3557, 0.3037



38.6641, 0.3700, 0.2975



33.4165, 0.2693, 0.3155



8.0577, 0.3236, 0.3215



6.7582, 0.5601, 0.2859



0.1983, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 24.2804, 0.3557, 0.3037 looks on a white background.

Color Contrast Check

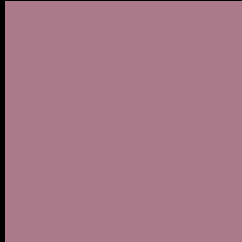
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2804, 0.3557, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

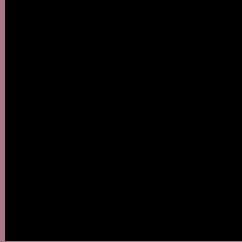
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2804, 0.3557, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 24.2804, 0.3557, 0.3037.



This preview shows how white text looks on a background with the Yxy color 24.2804, 0.3557, 0.3037.

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

24.2804, 0.3557, 0.3037

Protanopia

24.5542, 0.3015, 0.3105

Deuteranopia

24.3061, 0.3270, 0.3208



Tritanopia

24.2157, 0.3629, 0.3155

Trichromacy



Original Color

24.2804, 0.3557, 0.3037

Protanomaly

24.2443, 0.3195, 0.3079

Deuteranomaly

24.1530, 0.3373, 0.3132

Tritanomaly

24.2982, 0.3592, 0.3110

Monochromacy



Original Color

24.2804, 0.3557, 0.3037

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8215, 0.3270, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2804, 0.3557, 0.3037 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(172, 121, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 138)  
}
```

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(172, 121, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 138) }
```

Border

The CSS property to change the border of an element to Yxy 24.2804, 0.3557, 0.3037 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(172, 121, 138) }
```

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

```
.border{ border-color:rgb(172, 121, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2804, 0.3557, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 138) }
```

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

```
.background{ background-color: rgb(172,  
121, 138) }
```

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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