

Converting Colors

$Y_{xy}(24.4189, 0.3255, 0.3042)$

Have a look what the booklet for
Yxy(24.4189, 0.3255, 0.3042)
contains.

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Color

Yxy(24.3220, 0.3256, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	9A8090
RGB	154, 128, 144
RGB Percent	60%, 50%, 56%
CMY	0.3959, 0.4981, 0.4353
CMYK	0.00, 0.17, 0.07, 0.40
HSL	323°, 11%, 55%
HSV	323°, 17%, 60%
XYZ	26.0845, 24.3220, 29.7055
YIQ	137.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

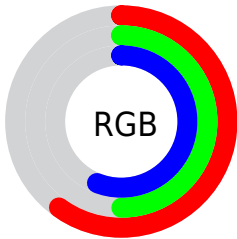
Format	Color
R_{YB}	154, 128, 144
Decimal	10125456
CIE _{Lab}	56.41, 12.82, -4.87
CIE _{LCh}	56, 13.714, 339.191
Yxy	24.3220, 0.3256, 0.3036
Android (android.graphics.Color)	4288315536 (0xFF9A8090)
YUV	137.5980, 3.1562, 14.3846
Hunter-Lab	49.3173, 8.1052, -1.1903

Details

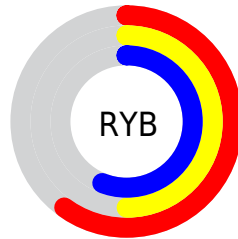
The Yxy color $24.3220, 0.3256, 0.3036$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.5469, 0.3017, 0.3558$, and the grayscale version is $25.2411, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6803, 0.3230, 0.3088$, and $9.2837, 0.3302, 0.2945$ is the 20% darker color. If you saturate the color by 10%, you get $20.4288, 0.3351, 0.2878$, and if you desaturate by 10%, it is $28.8369, 0.3175, 0.3189$.

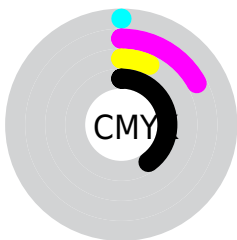
Distribution



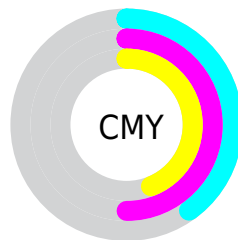
- Red (60%)
- Green (50%)
- Blue (56%)



- Red (60%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (40%)





- Cyan (40%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3220, 0.3256, 0.3036 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 24.3220, 0.3256, 0.3036 by changing the saturation by 10% instead.


 24.3220, 0.3256,
0.3036

 24.3220, 0.3256,
0.3036


274.4444, 0.3186,
0.3174


 15.5727, 0.3276,
0.2997


 50.5551, 0.3229,
0.3089

 9.2223, 0.3303,
0.2944


 68.8077, 0.3219,
0.3108

 4.8864, 0.3341,
0.2869

 90.9969, 0.3211,
0.3124

 2.1808, 0.3402,
0.2750

117.5069, 0.3205,
0.3137

 0.7095, 0.3524,
0.2510

148.7223, 0.3199,
0.3149

 0.0000, 0.0000,
0.0000

185.0274, 0.3194,

0.3158

226.8066, 0.3190,
0.3167

■ 24.3220, 0.3256,
0.3036

■ 24.3220, 0.3256,
0.3036

■ 20.4288, 0.3351,
0.2878

■ 28.8369, 0.3175,
0.3189

■ 17.1264, 0.3462,
0.2720

■ 33.9961, 0.3107,
0.3334

■ 14.3865, 0.3590,
0.2568

■ 39.8251, 0.3051,
0.3470

■ 12.1766, 0.3734,
0.2430

■ 46.3468, 0.3003,
0.3596

■ 10.4612, 0.3892,
0.2317

■ 53.5833, 0.2964,
0.3713

■ 9.2005, 0.4061,
0.2240

■ 61.5556, 0.2931,
0.3820

■ 8.3481, 0.4233,
0.2208

■ 70.2837, 0.2904,
0.3918

■ 7.8311, 0.4404,
0.2222

■ 79.7871, 0.2881,
0.4008

■ 7.6941, 0.4459,
0.2230

■ 82.4435, 0.2854,
0.3973

Harmonies

Analogous

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



24.3220, 0.3014, 0.2921



24.3220, 0.3256, 0.3036



24.3220, 0.3469, 0.3213

Triad

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



24.3220, 0.3256, 0.3036



24.3220, 0.3444, 0.3701



24.3220, 0.2687, 0.3136

Complementary

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



24.3220, 0.3256, 0.3036



29.5469, 0.3017, 0.3558

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.



24.3220, 0.2793, 0.3357



24.3220, 0.3256, 0.3036



24.3220, 0.3226, 0.3694

Square

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



24.3220, 0.3256, 0.3036



24.3220, 0.3579, 0.3594



24.3220, 0.2989, 0.3566



24.3220, 0.2693, 0.2970

Rectangle

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



24.3220, 0.3256, 0.3036



24.3220, 0.3562, 0.3348



24.3220, 0.2989, 0.3566



24.3220, 0.2710, 0.3207

Sweetspot

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



24.3231, 0.3256, 0.3036



53.9638, 0.3162, 0.3216



23.1713, 0.2967, 0.2861



12.0818, 0.3167, 0.3206



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.3231, 0.3256, 0.3036



41.5678, 0.3288, 0.2981



23.9489, 0.3404, 0.3242



6.2833, 0.3193, 0.3154



6.2726, 0.4446, 0.2223



0.1009, 0.3802, 0.1868

Inverse Universe

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



24.3231, 0.3256, 0.3036



41.5678, 0.3288, 0.2981



29.9454, 0.2905, 0.3339



6.2833, 0.3193, 0.3154



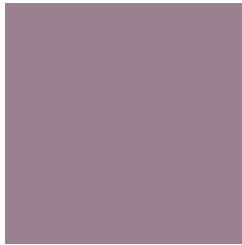
6.2726, 0.4446, 0.2223



0.1009, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 24.3220, 0.3256, 0.3036 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 24.3220, 0.3256, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

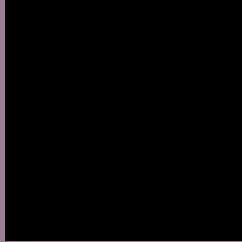
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3220, 0.3256, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 24.3220, 0.3256, 0.3036.



This preview shows how white text looks on a background with the Yxy color 24.3220, 0.3256, 0.3036.

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

24.3220, 0.3256, 0.3036

Protanopia

24.5344, 0.2985, 0.3072

Deuteranopia

24.2355, 0.3159, 0.3093



Tritanopia

24.3369, 0.3298, 0.3130

Trichromacy



Original Color

24.3220, 0.3256, 0.3036

Protanomaly

24.2718, 0.3072, 0.3043

Deuteranomaly

24.2443, 0.3195, 0.3079

Tritanomaly

24.3959, 0.3276, 0.3098

Monochromacy



Original Color

24.3220, 0.3256, 0.3036

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8729, 0.3177, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3220, 0.3256, 0.3036 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(154, 128, 144)` looks like.

```
.text, #text, p{  
  color:rgb(154, 128, 144)  
}
```

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(154, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 128, 144) }
```

Border

The CSS property to change the border of an element to Yxy 24.3220, 0.3256, 0.3036 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(154, 128, 144) }
```

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

```
.border{ border-color:rgb(154, 128, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(154, 128,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3220, 0.3256, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 128, 144) }
```

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

```
.background{ background-color: rgb(154,  
128, 144) }
```

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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