

Converting Colors

$Y_{xy}(24.4060, 0.3260, 0.2704)$

Have a look what the booklet for
Yxy(24.4060, 0.3260, 0.2704)
contains.

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Color

Yxy(24.4060, 0.3260, 0.2704)

Conversions

Conversions Part 1

Format	Color
Hex	A978A0
RGB	169, 120, 160
RGB Percent	66%, 47%, 63%
CMY	0.3373, 0.5294, 0.3725
CMYK	0.00, 0.29, 0.05, 0.34
HSL	311°, 22%, 57%
HSV	311°, 29%, 66%
XYZ	29.4244, 24.4060, 36.4285
YIQ	139.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

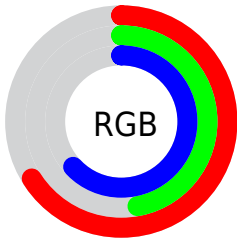
Format	Color
R_{YB}	169, 120, 160
Decimal	11106464
CIE _{Lab}	56.49, 25.78, -13.86
CIE _{LCh}	56, 29.264, 331.738
Yxy	24.4060, 0.3260, 0.2704
Android (android.graphics.Color)	4289296544 (0xFFA978A0)
YUV	139.2110, 10.2490, 26.1250
Hunter-Lab	49.4024, 19.8615, -9.1377

Details

The Yxy color **24.4060, 0.3260, 0.2704** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.9514, 0.3018, 0.3957**, and the grayscale version is **25.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8010, 0.3235, 0.2821**, and **9.3022, 0.3304, 0.2527** is the 20% darker color. If you saturate the color by 10%, you get **20.5875, 0.3318, 0.2502**, and if you desaturate by 10%, it is **28.9467, 0.3208, 0.2910**.

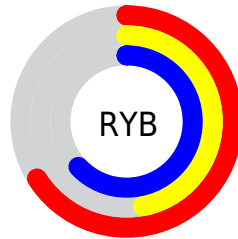
Distribution



Red (66%)

Green (47%)

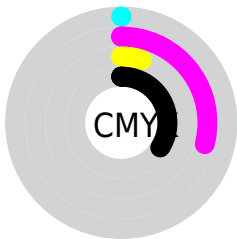
Blue (63%)



Red (66%)

Yellow (47%)

Blue (63%)

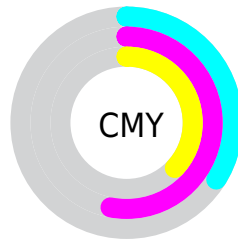


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (34%)



Cyan (34%)

Magenta (53%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4060, 0.3260, 0.2704 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 24.4060, 0.3260, 0.2704 by changing the saturation by 10% instead.


 24.4060, 0.3260,
0.2704


 24.4060, 0.3260,
0.2704


274.8667, 0.3193,
0.3014


 15.6351, 0.3277,
0.2621


 50.6919, 0.3236,
0.2821

 9.2663, 0.3298,
0.2511


 68.9757, 0.3226,
0.2863

 4.9153, 0.3326,
0.2358


 91.1992, 0.3219,
0.2899

 2.1976, 0.3363,
0.2132

117.7469, 0.3212,
0.2929

 0.7187, 0.3420,
0.1749

149.0031, 0.3206,
0.2955

 0.0000, 0.3227,
0.0000

185.3522, 0.3201,

 0.0000, 0.0000,

0.2977

0.0000

227.1786, 0.3197,
0.2997

■ 24.4060, 0.3260,
0.2704

■ 24.4060, 0.3260,
0.2704

■ 20.5875, 0.3318,
0.2502

■ 28.9467, 0.3208,
0.2910

■ 17.4503, 0.3381,
0.2311

■ 34.2414, 0.3163,
0.3113

■ 14.9543, 0.3448,
0.2142

■ 40.3238, 0.3123,
0.3309

■ 13.0537, 0.3518,
0.2003

■ 47.2247, 0.3090,
0.3495

■ 11.6970, 0.3589,
0.1903

■ 54.9732, 0.3061,
0.3669

■ 10.8237, 0.3657,
0.1847

■ 63.5969, 0.3036,
0.3830

■ 10.3170, 0.3724,
0.1830

■ 73.1224, 0.3015,
0.3978

■ 10.2709, 0.3730,
0.1829

■ 83.4478, 0.2998,
0.4111

■ 83.5797, 0.2982,
0.4074

Harmonies

Analogous

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



24.4060, 0.2762, 0.2515



24.4060, 0.3260, 0.2704



24.4060, 0.3757, 0.3022

Triad

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



24.4060, 0.3260, 0.2704



24.4060, 0.3875, 0.4112



24.4060, 0.2256, 0.3045

Complementary

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



24.4060, 0.3260, 0.2704



33.9514, 0.3018, 0.3957

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.



24.4060, 0.2510, 0.3546



24.4060, 0.3260, 0.2704



24.4060, 0.3438, 0.4209

Square

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



24.4060, 0.3260, 0.2704



24.4060, 0.4121, 0.3806



24.4060, 0.2937, 0.4001



24.4060, 0.2218, 0.2673

Rectangle

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



24.4060, 0.3260, 0.2704



24.4060, 0.4002, 0.3279



24.4060, 0.2937, 0.4001



24.4060, 0.2318, 0.3204

Sweetspot

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



24.4071, 0.3260, 0.2704



61.1547, 0.3164, 0.3110



20.9004, 0.2713, 0.2486



13.0220, 0.3170, 0.3082



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.4071, 0.3260, 0.2704



39.0349, 0.3298, 0.2569



23.6553, 0.3544, 0.3043



7.6427, 0.3164, 0.3107



7.6626, 0.3724, 0.1825



0.1924, 0.3527, 0.1717

Inverse Universe

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



24.4071, 0.3260, 0.2704



39.0349, 0.3298, 0.2569



34.6559, 0.2835, 0.3553



7.6427, 0.3164, 0.3107



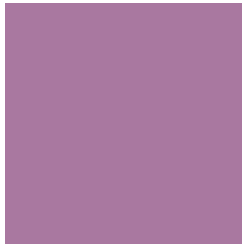
7.6626, 0.3724, 0.1825



0.1924, 0.3527, 0.1717

Previews

White Background



This preview shows how the Yxy color 24.4060, 0.3260, 0.2704 looks on a white background.

Color Contrast Check

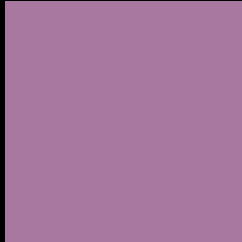
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4060, 0.3260, 0.2704 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 24.4060, 0.3260, 0.2704

Background



This preview shows how black text looks on a background with the Yxy color 24.4060, 0.3260, 0.2704.



This preview shows how white text looks on a background with the Yxy color 24.4060, 0.3260, 0.2704.

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

24.4060, 0.3260, 0.2704

Protanopia

24.4645, 0.2712, 0.2705

Deuteranopia

24.3744, 0.2929, 0.2867



Tritanopia

24.4955, 0.3522, 0.3153

Trichromacy



Original Color

24.4060, 0.3260, 0.2704

Protanomaly

24.2045, 0.2893, 0.2705

Deuteranomaly

24.3311, 0.3038, 0.2803

Tritanomaly

24.3646, 0.3430, 0.2987

Monochromacy



Original Color

24.4060, 0.3260, 0.2704

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0931, 0.3172, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4060, 0.3260, 0.2704 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(169, 120, 160)` looks like.

```
.text, #text, p{  
    color:rgb(169, 120, 160)  
}
```

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(169, 120, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 120, 160) }
```

Border

The CSS property to change the border of an element to Yxy 24.4060, 0.3260, 0.2704 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(169, 120, 160) }
```

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

```
.border{ border-color:rgb(169, 120, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 120, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 120, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 120, 160);  
box-shadow:4px 4px 4px 4px rgb(169, 120,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4060, 0.3260, 0.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 120, 160) }
```

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

```
.background{ background-color: rgb(169,  
120, 160) }
```

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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