

Converting Colors

$Y_{xy}(21.5002, 0.3262, 0.2683)$

Have a look what the booklet for
Yxy(21.5002, 0.3262, 0.2683)
contains.

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Color

Yxy(21.4324, 0.3268, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	A17098
RGB	161, 112, 152
RGB Percent	63%, 44%, 60%
CMY	0.3685, 0.5608, 0.4039
CMYK	0.00, 0.30, 0.06, 0.37
HSL	311°, 21%, 54%
HSV	311°, 30%, 63%
XYZ	26.1640, 21.4324, 32.4648
YIQ	131.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

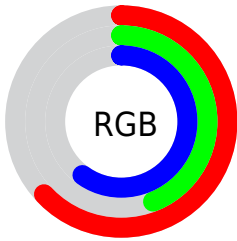
Format	Color
RYB	161, 112, 152
Decimal	10580120
CIELab	53.42, 26.03, -13.92
CIELCh	53, 29.524, 331.861
Yxy	21.4324, 0.3268, 0.2677
Android (android.graphics.Color)	4288770200 (0xFFA17098)
YUV	131.2110, 10.2490, 26.1250
Hunter-Lab	46.2951, 19.8640, -9.1710

Details

The Yxy color **21.4324, 0.3268, 0.2677** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.3249, 0.3013, 0.3993**, and the grayscale version is **22.7354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6061, 0.3240, 0.2802**, and **7.7458, 0.3319, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **18.0965, 0.3326, 0.2477**, and if you desaturate by 10%, it is **25.4082, 0.3215, 0.2882**.

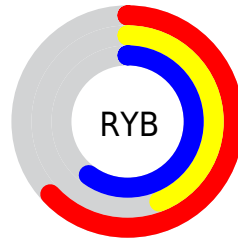
Distribution



Red (63%)

Green (44%)

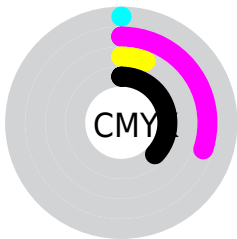
Blue (60%)



Red (63%)

Yellow (44%)

Blue (60%)

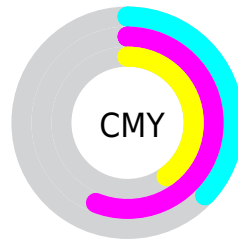


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (37%)



Cyan (37%)


Magenta (56%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4324, 0.3268, 0.2677 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 21.4324, 0.3268, 0.2677 by changing the saturation by 10% instead.


 21.4324, 0.3268,
0.2677

 21.4324, 0.3268,
0.2677


259.5676, 0.3195,
0.3007

 13.4404, 0.3287,
0.2586


 45.8061, 0.3241,
0.2803


 7.7325, 0.3310,
0.2464


 62.9566, 0.3231,
0.2848

 3.9243, 0.3342,
0.2292

 83.9287, 0.3223,
0.2886

 1.6313, 0.3384,
0.2033

 109.1068, 0.3216,
0.2918

 0.3786, 0.3546,
0.1336

138.8754, 0.3210,
0.2945

 0.0000, 0.0000,
0.0000

173.6188, 0.3204,

0.2969

213.7214, 0.3200,
0.2989

■ 21.4324, 0.3268,
0.2677

■ 21.4324, 0.3268,
0.2677

■ 18.0965, 0.3326,
0.2477

■ 25.4082, 0.3215,
0.2882

■ 15.3636, 0.3390,
0.2289

■ 30.0523, 0.3169,
0.3085

■ 13.1976, 0.3458,
0.2124


■ 35.3949, 0.3129,
0.3281


■ 11.5575, 0.3528,
0.1990


■ 41.4638, 0.3094,
0.3468


■ 10.3965, 0.3599,
0.1896


■ 48.2848, 0.3065,
0.3642

 9.6598, 0.3668,
0.1845

 55.8829, 0.3039,
0.3805

 9.2294, 0.3731,
0.1829

 64.2816, 0.3018,
0.3954

 73.5035, 0.3000,
0.4091

 82.3417, 0.2985,
0.4197

Harmonies

Analogous

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



21.4324, 0.2744, 0.2479



21.4324, 0.3268, 0.2677



21.4324, 0.3792, 0.3009

Triad

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



21.4324, 0.3268, 0.2677



21.4324, 0.3911, 0.4154



21.4324, 0.2213, 0.3028

Complementary

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



21.4324, 0.3268, 0.2677



30.3249, 0.3013, 0.3993

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.



21.4324, 0.2476, 0.3557



21.4324, 0.3268, 0.2677



21.4324, 0.3449, 0.4260

Square

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



21.4324, 0.3268, 0.2677



21.4324, 0.4172, 0.3830



21.4324, 0.2923, 0.4041



21.4324, 0.2174, 0.2639

Rectangle

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



21.4324, 0.3268, 0.2677



21.4324, 0.4051, 0.3277



21.4324, 0.2923, 0.4041



21.4324, 0.2277, 0.3195

Sweetspot

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



21.4334, 0.3268, 0.2677



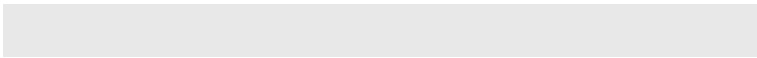
54.9572, 0.3164, 0.3111



18.2239, 0.2699, 0.2445



11.7814, 0.3170, 0.3083



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.



21.4334, 0.3268, 0.2677



33.9339, 0.3310, 0.2531



20.7121, 0.3580, 0.3044



7.1797, 0.3164, 0.3109



7.3739, 0.3726, 0.1826



0.1604, 0.3510, 0.1707

Inverse Universe

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



21.4334, 0.3268, 0.2677



33.9339, 0.3310, 0.2531



31.0038, 0.2817, 0.3553



7.1797, 0.3164, 0.3109



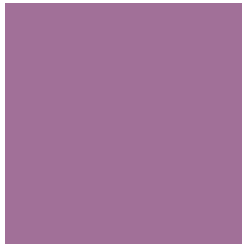
7.3739, 0.3726, 0.1826



0.1604, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 21.4324, 0.3268, 0.2677 looks on a white background.

Color Contrast Check

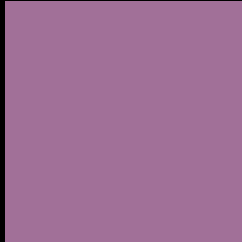
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4324, 0.3268, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

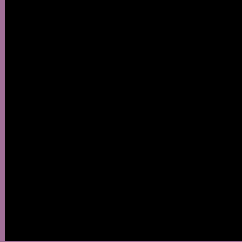
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4324, 0.3268, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 21.4324, 0.3268, 0.2677.



This preview shows how white text looks on a background with the Yxy color 21.4324, 0.3268, 0.2677.

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

21.4324, 0.3268, 0.2677

Protanopia

21.7093, 0.2693, 0.2692

Deuteranopia

21.6151, 0.2919, 0.2862



Tritanopia

21.4980, 0.3545, 0.3146

Trichromacy



Original Color

21.4324, 0.3268, 0.2677

Protanomaly

21.4560, 0.2881, 0.2692

Deuteranomaly

21.3300, 0.3033, 0.2778

Tritanomaly

21.3817, 0.3448, 0.2973

Monochromacy



Original Color

21.4324, 0.3268, 0.2677

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.0302, 0.3175, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4324, 0.3268, 0.2677 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, 112, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 112, 152)  
}
```

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, 112, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 112, 152) }
```

Border

The CSS property to change the border of an element to Yxy 21.4324, 0.3268, 0.2677 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, 112, 152) }
```

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

```
.border{ border-color:rgb(161, 112, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 112, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 112, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 112, 152);  
box-shadow:4px 4px 4px 4px rgb(161, 112,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4324, 0.3268, 0.2677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 112, 152) }
```

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

```
.background{ background-color: rgb(161,  
112, 152) }
```

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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