

Converting Colors

$Y_{xy}(21.1481, 0.3276, 0.2665)$

Have a look what the booklet for
Yxy(21.1481, 0.3276, 0.2665)
contains.

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Color

Yxy(21.2129, 0.3269, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	A16F98
RGB	161, 111, 152
RGB Percent	63%, 44%, 60%
CMY	0.3686, 0.5647, 0.4039
CMYK	0.00, 0.31, 0.06, 0.37
HSL	311°, 21%, 53%
HSV	311°, 31%, 63%
XYZ	26.0500, 21.2129, 32.4250
YIQ	130.6240, 16.6390, 23.3510

Conversions

Conversions Part 2

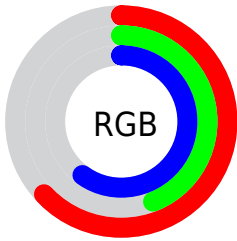
Format	Color
R_{YB}	161, 111, 152
Decimal	10579864
CIE _{Lab}	53.18, 26.59, -14.28
CIE _{LCh}	53, 30.178, 331.760
Yxy	21.2129, 0.3269, 0.2662
Android (android.graphics.Color)	4288769944 (0xFFA16F98)
YUV	130.6240, 10.5384, 26.6398
Hunter-Lab	46.0575, 20.3585, -9.5006

Details

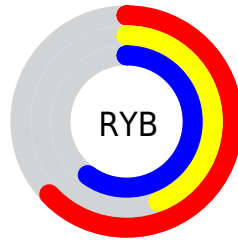
The Yxy color **21.2129, 0.3269, 0.2662** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.2271, 0.3012, 0.4013**, and the grayscale version is **22.5139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2495, 0.3241, 0.2790**, and **7.6360, 0.3321, 0.2443** is the 20% darker color. If you saturate the color by 10%, you get **17.9173, 0.3327, 0.2462**, and if you desaturate by 10%, it is **25.1460, 0.3217, 0.2868**.

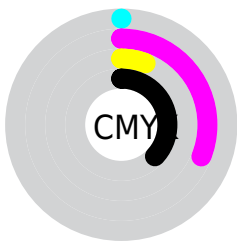
Distribution



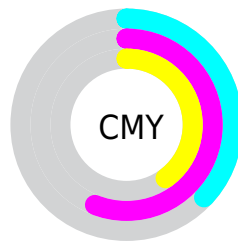
- Red (63%)
- Green (44%)
- Blue (60%)



- Red (63%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (37%)





- Cyan (37%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.2129, 0.3269, 0.2662 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 21.2129, 0.3269, 0.2662 by changing the saturation by 10% instead.


 21.2129, 0.3269,
0.2662


 21.2129, 0.3269,
0.2662

258.4078, 0.3196,
0.3000


 13.2797, 0.3288,
0.2569


 45.4416, 0.3242,
0.2791

 7.6214, 0.3311,
0.2444


 62.5059, 0.3232,
0.2838

 3.8537, 0.3342,
0.2268

 83.3827, 0.3224,
0.2876

 1.5921, 0.3383,
0.2003

 108.4563, 0.3217,
0.2909

 0.3522, 0.3556,
0.1263

138.1113, 0.3210,
0.2937

 0.0000, 0.0000,
0.0000

172.7319, 0.3205,

0.2961

212.7026, 0.3200,
0.2982

■ 21.2129, 0.3269,
0.2662

■ 21.2129, 0.3269,
0.2662

■ 17.9173, 0.3327,
0.2462

■ 25.1460, 0.3217,
0.2868

■ 15.2223, 0.3390,
0.2275

■ 29.7453, 0.3171,
0.3072

■ 13.0916, 0.3456,
0.2110


■ 35.0410, 0.3131,
0.3270

■ 11.4838, 0.3525,
0.1978


■ 41.0610, 0.3097,
0.3458

■ 10.3519, 0.3594,
0.1886


■ 47.8312, 0.3067,
0.3634


 9.6402, 0.3661,
0.1837

 55.3766, 0.3042,
0.3798

 9.2433, 0.3719,
0.1822

 63.7208, 0.3021,
0.3948

 72.8866, 0.3003,
0.4087

 82.3159, 0.2988,
0.4204

Harmonies

Analogous

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



21.2129, 0.2733, 0.2461



21.2129, 0.3269, 0.2662



21.2129, 0.3808, 0.3001

Triad

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



21.2129, 0.3269, 0.2662



21.2129, 0.3931, 0.4174



21.2129, 0.2192, 0.3021

Complementary

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



21.2129, 0.3269, 0.2662



30.2271, 0.3012, 0.4013

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.



21.2129, 0.2461, 0.3566



21.2129, 0.3269, 0.2662



21.2129, 0.3457, 0.4286

Square

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



21.2129, 0.3269, 0.2662



21.2129, 0.4199, 0.3839



21.2129, 0.2919, 0.4063



21.2129, 0.2152, 0.2624

Rectangle

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



21.2129, 0.3269, 0.2662



21.2129, 0.4074, 0.3274



21.2129, 0.2919, 0.4063



21.2129, 0.2257, 0.3193

Sweetspot

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



21.2138, 0.3269, 0.2662



54.9608, 0.3163, 0.3110



17.8887, 0.2679, 0.2424



11.7823, 0.3169, 0.3082



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.



21.2138, 0.3269, 0.2662



33.9475, 0.3307, 0.2528



20.4968, 0.3581, 0.3026



7.1802, 0.3164, 0.3108



7.3874, 0.3714, 0.1820



0.1606, 0.3503, 0.1703

Inverse Universe

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



21.2138, 0.3269, 0.2662



33.9475, 0.3307, 0.2528



30.8947, 0.2818, 0.3573



7.1802, 0.3164, 0.3108



7.3874, 0.3714, 0.1820



0.1606, 0.3503, 0.1703

Previews

White Background



This preview shows how the Yxy color 21.2129, 0.3269, 0.2662 looks on a white background.

Color Contrast Check

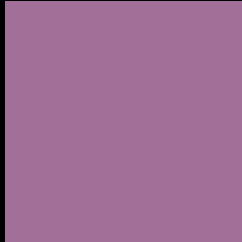
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2129, 0.3269, 0.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

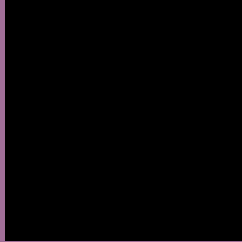
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2129, 0.3269, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 21.2129, 0.3269, 0.2662.



This preview shows how white text looks on a background with the Yxy color 21.2129, 0.3269, 0.2662.

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

21.2129, 0.3269, 0.2662

Protanopia

21.3819, 0.2681, 0.2672

Deuteranopia

21.2844, 0.2907, 0.2843



Tritanopia

21.2406, 0.3561, 0.3146

Trichromacy



Original Color

21.2129, 0.3269, 0.2662

Protanomaly

21.2117, 0.2881, 0.2675

Deuteranomaly

21.0907, 0.3033, 0.2761

Tritanomaly

21.1548, 0.3451, 0.2957

Monochromacy



Original Color

21.2129, 0.3269, 0.2662

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 21.2129, 0.3269, 0.2662 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, 111, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 111, 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, 111, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 111, 152) }
```

Border

The CSS property to change the border of an element to Yxy 21.2129, 0.3269, 0.2662 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, 111, 152) }
```

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

```
.border{ border-color:rgb(161, 111, 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, 111, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 111, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 111, 152);  
box-shadow:4px 4px 4px 4px rgb(161, 111,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2129, 0.3269, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 111, 152) }
```

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

```
.background{ background-color: rgb(161,  
111, 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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