

Converting Colors

$Y_{xy}(20.8393, 0.3296, 0.2673)$

Have a look what the booklet for
Yxy(20.8393, 0.3296, 0.2673)
contains.

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Color

Yxy(20.9309, 0.3295, 0.2675)

Conversions

Conversions Part 1

Format	Color
Hex	A16E96
RGB	161, 110, 150
RGB Percent	63%, 43%, 59%
CMY	0.3685, 0.5687, 0.4118
CMYK	0.00, 0.32, 0.07, 0.37
HSL	313°, 21%, 53%
HSV	313°, 32%, 63%
XYZ	25.7822, 20.9309, 31.5333
YIQ	129.8090, 17.5560, 23.2520

Conversions

Conversions Part 2

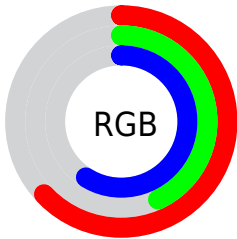
Format	Color
R_{YB}	161, 110, 150
Decimal	10579606
CIE _{Lab}	52.87, 26.80, -13.57
CIE _{LCh}	53, 30.038, 333.134
Yxy	20.9309, 0.3295, 0.2675
Android (android.graphics.Color)	4288769686 (0xFFA16E96)
YUV	129.8090, 9.9542, 27.3545
Hunter-Lab	45.7503, 20.5291, -8.8403

Details

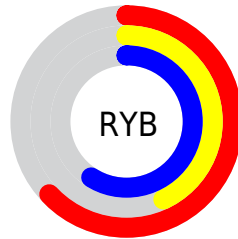
The Yxy color **20.9309, 0.3295, 0.2675** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.1940, 0.2995, 0.3996**, and the grayscale version is **22.2124, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7992, 0.3259, 0.2801**, and **7.4265, 0.3342, 0.2456** is the 20% darker color. If you saturate the color by 10%, you get **17.6570, 0.3363, 0.2482**, and if you desaturate by 10%, it is **24.8414, 0.3234, 0.2873**.

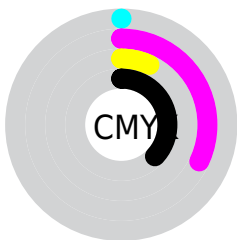
Distribution



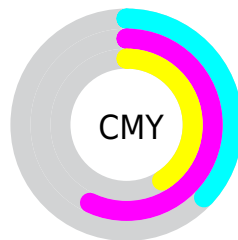
- Red (63%)
- Green (43%)
- Blue (59%)



- Red (63%)
- Yellow (43%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (37%)





- Cyan (37%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9309, 0.3295, 0.2675 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 20.9309, 0.3295, 0.2675 by changing the saturation by 10% instead.


 20.9309, 0.3295,
0.2675


 20.9309, 0.3295,
0.2675


256.9110, 0.3207,
0.3007


 13.0735, 0.3318,
0.2583


 44.9725, 0.3262,
0.2802


 7.4792, 0.3348,
0.2460


 61.9255, 0.3250,
0.2848

 3.7635, 0.3389,
0.2285

 82.6792, 0.3240,
0.2886

 1.5422, 0.3446,
0.2020

 107.6179, 0.3231,
0.2918

 0.3181, 0.3678,
0.1217

137.1260, 0.3224,
0.2945

 0.0000, 0.0000,
0.0000

171.5880, 0.3218,

0.2969

211.3882, 0.3212,
0.2989

■ 20.9309, 0.3295,
0.2675

■ 20.9309, 0.3295,
0.2675

■ 17.6570, 0.3363,
0.2482

■ 24.8414, 0.3234,
0.2873

■ 14.9826, 0.3438,
0.2303

■ 29.4174, 0.3181,
0.3069

■ 12.8711, 0.3519,
0.2145


■ 34.6893, 0.3134,
0.3259


■ 11.2809, 0.3602,
0.2021


■ 40.6849, 0.3095,
0.3439

■ 10.1644, 0.3687,
0.1936


■ 47.4306, 0.3061,
0.3608


 9.4653, 0.3770,
0.1896

 54.9511, 0.3033,
0.3765

 9.0918, 0.3837,
0.1887

 63.2703, 0.3009,
0.3910

 72.4109, 0.2989,
0.4042

 82.3948, 0.2972,
0.4164

Harmonies

Analogous

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



20.9309, 0.2755, 0.2466



20.9309, 0.3295, 0.2675



20.9309, 0.3829, 0.3018

Triad

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



20.9309, 0.3295, 0.2675



20.9309, 0.3912, 0.4185



20.9309, 0.2185, 0.2999

Complementary

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



20.9309, 0.3295, 0.2675



30.1940, 0.2995, 0.3996

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.



20.9309, 0.2444, 0.3540



20.9309, 0.3295, 0.2675



20.9309, 0.3433, 0.4284

Square

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



20.9309, 0.3295, 0.2675



20.9309, 0.4193, 0.3857



20.9309, 0.2895, 0.4045



20.9309, 0.2156, 0.2610

Rectangle

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



20.9309, 0.3295, 0.2675



20.9309, 0.4088, 0.3293



20.9309, 0.2895, 0.4045



20.9309, 0.2247, 0.3169

Sweetspot

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



20.9318, 0.3295, 0.2675



54.0051, 0.3173, 0.3098



17.7317, 0.2687, 0.2408



11.5872, 0.3180, 0.3073



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.



20.9318, 0.3295, 0.2675



33.2426, 0.3342, 0.2539



20.2184, 0.3617, 0.3047



7.1758, 0.3169, 0.3116



7.2650, 0.3831, 0.1884



0.1588, 0.3568, 0.1739

Inverse Universe

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



20.9318, 0.3295, 0.2675



33.2426, 0.3342, 0.2539



30.8795, 0.2799, 0.3550



7.1758, 0.3169, 0.3116



7.2650, 0.3831, 0.1884



0.1588, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 20.9309, 0.3295, 0.2675 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 20.9309, 0.3295, 0.2675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

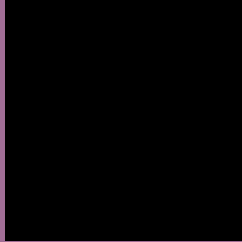
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.9309, 0.3295, 0.2675

Background



This preview shows how black text looks on a background with the Yxy color 20.9309, 0.3295, 0.2675.



This preview shows how white text looks on a background with the Yxy color 20.9309, 0.3295, 0.2675.

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

20.9309, 0.3295, 0.2675

Protanopia

21.0920, 0.2688, 0.2670

Deuteranopia

20.9712, 0.2927, 0.2858



Tritanopia

20.9858, 0.3578, 0.3146

Trichromacy



Original Color

20.9309, 0.3295, 0.2675

Protanomaly

20.9356, 0.2890, 0.2673

Deuteranomaly

20.7895, 0.3055, 0.2775

Tritanomaly

20.8746, 0.3479, 0.2972

Monochromacy



Original Color

20.9309, 0.3295, 0.2675

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.6348, 0.3187, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9309, 0.3295, 0.2675 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, 110, 150)` looks like.

```
.text, #text, p{  
    color:rgb(161, 110, 150)  
}
```

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, 110, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 110, 150) }
```

Border

The CSS property to change the border of an element to Yxy 20.9309, 0.3295, 0.2675 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, 110, 150) }
```

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

```
.border{ border-color:rgb(161, 110, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 110, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 110, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 110, 150);  
box-shadow:4px 4px 4px 4px rgb(161, 110,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9309, 0.3295, 0.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 110, 150) }
```

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

```
.background{ background-color: rgb(161,  
110, 150) }
```

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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