

Converting Colors

$Y_{xy}(22.1011, 0.3200, 0.2916)$

Have a look what the booklet for
Yxy(22.1011, 0.3200, 0.2916)
contains.

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Color

Yxy(22.0779, 0.3205, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	957990
RGB	149, 121, 144
RGB Percent	58%, 47%, 56%
CMY	0.4157, 0.5255, 0.4353
CMYK	0.00, 0.19, 0.03, 0.42
HSL	311°, 12%, 53%
HSV	311°, 19%, 58%
XYZ	24.2660, 22.0779, 29.3691
YIQ	131.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

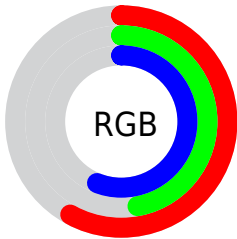
Format	Color
R_{YB}	149, 121, 144
Decimal	9795984
CIE _{Lab}	54.11, 15.00, -8.34
CIE _{LCh}	54, 17.162, 330.907
Yxy	22.0779, 0.3205, 0.2916
Android (android.graphics.Color)	4287986064 (0xFF957990)
YUV	131.9940, 5.9190, 14.9143
Hunter-Lab	46.9871, 9.9570, -4.1679

Details

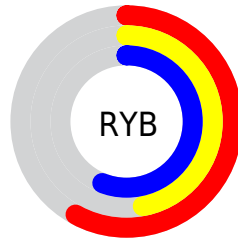
The Yxy color $22.0779, 0.3205, 0.2916$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.0668, 0.3058, 0.3695$, and the grayscale version is $23.0484, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.6609, 0.3185, 0.2987$, and $8.0396, 0.3226, 0.2766$ is the 20% darker color. If you saturate the color by 10%, you get $18.6523, 0.3255, 0.2711$, and if you desaturate by 10%, it is $26.0667, 0.3161, 0.3118$.

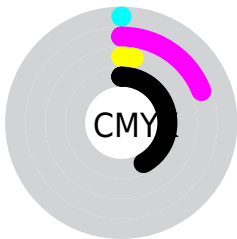
Distribution



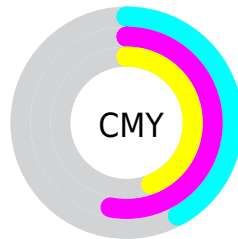
- Red (58%)
- Green (47%)
- Blue (56%)



- Red (58%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (42%)





- Cyan (42%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0779, 0.3205, 0.2916 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 22.0779, 0.3205, 0.2916 by changing the saturation by 10% instead.


 22.0779, 0.3205,
0.2916


 22.0779, 0.3205,
0.2916


262.9528, 0.3164,
0.3121

 13.9142, 0.3216,
0.2858


 46.8747, 0.3189,
0.2995

 8.0610, 0.3231,
0.2779


 64.2766, 0.3184,
0.3023

 4.1340, 0.3251,
0.2665

 85.5266, 0.3179,
0.3047

 1.7488, 0.3280,
0.2486

111.0091, 0.3175,
0.3066

 0.4550, 0.3417,
0.1947

141.1087, 0.3172,
0.3083

 0.0000, 0.0000,
0.0000

176.2095, 0.3169,

0.3097

216.6961, 0.3166,
0.3110

■ 22.0779, 0.3205,
0.2916

■ 22.0779, 0.3205,
0.2916

■ 18.6523, 0.3255,
0.2711

■ 26.0667, 0.3161,
0.3118

■ 15.7614, 0.3310,
0.2510

■ 30.6399, 0.3123,
0.3313

■ 13.3786, 0.3371,
0.2319

■ 35.8208, 0.3090,
0.3498

■ 11.4738, 0.3436,
0.2149

■ 41.6309, 0.3062,
0.3671

■ 10.0138, 0.3503,
0.2008

■ 48.0906, 0.3038,
0.3831

■ 8.9611, 0.3571,
0.1905

■ 55.2192, 0.3018,
0.3979

■ 8.2719, 0.3638,
0.1844

■ 63.0353, 0.3001,
0.4114

■ 7.8520, 0.3702,
0.1820

■ 71.5568, 0.2986,
0.4237

■ 7.8048, 0.3710,
0.1817

■ 80.7346, 0.2974,
0.4349

Harmonies

Analogous

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



22.0779, 0.2900, 0.2799



22.0779, 0.3205, 0.2916



22.0779, 0.3502, 0.3122

Triad

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



22.0779, 0.3205, 0.2916



22.0779, 0.3596, 0.3794



22.0779, 0.2587, 0.3162

Complementary

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



22.0779, 0.3205, 0.2916



27.0668, 0.3058, 0.3695

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.



22.0779, 0.2756, 0.3456



22.0779, 0.3205, 0.2916



22.0779, 0.3336, 0.3836

Square

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



22.0779, 0.3205, 0.2916



22.0779, 0.3733, 0.3619



22.0779, 0.3028, 0.3711



22.0779, 0.2555, 0.2924

Rectangle

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



22.0779, 0.3205, 0.2916



22.0779, 0.3649, 0.3288



22.0779, 0.3028, 0.3711



22.0779, 0.2629, 0.3257

Sweetspot

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



22.0789, 0.3205, 0.2916



48.7628, 0.3150, 0.3171



20.2560, 0.2879, 0.2801



10.7068, 0.3153, 0.3160



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.0789, 0.3205, 0.2916



36.5479, 0.3228, 0.2820



21.6859, 0.3366, 0.3135



5.8916, 0.3163, 0.3110



6.5727, 0.3706, 0.1815



0.0842, 0.3434, 0.1665

Inverse Universe

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



22.0789, 0.3205, 0.2916



36.5479, 0.3228, 0.2820



27.4441, 0.2935, 0.3451



5.8916, 0.3163, 0.3110



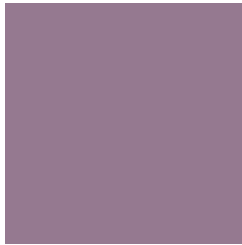
6.5727, 0.3706, 0.1815



0.0842, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 22.0779, 0.3205, 0.2916 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 22.0779, 0.3205, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

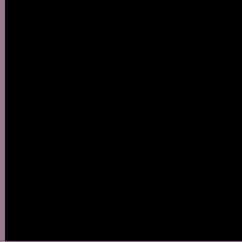
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0779, 0.3205, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 22.0779, 0.3205, 0.2916.



This preview shows how white text looks on a background with the Yxy color 22.0779, 0.3205, 0.2916.

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

22.0779, 0.3205, 0.2916

Protanopia

22.3061, 0.2888, 0.2944

Deuteranopia

22.1391, 0.3059, 0.3001



Tritanopia

22.0624, 0.3306, 0.3124

Trichromacy



Original Color

22.0779, 0.3205, 0.2916

Protanomaly

22.0966, 0.2994, 0.2933

Deuteranomaly

22.0612, 0.3118, 0.2972

Tritanomaly

22.0211, 0.3273, 0.3043

Monochromacy



Original Color

22.0779, 0.3205, 0.2916

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.6192, 0.3157, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0779, 0.3205, 0.2916 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(149, 121, 144)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 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(149, 121, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 144) }
```

Border

The CSS property to change the border of an element to Yxy 22.0779, 0.3205, 0.2916 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(149, 121, 144) }
```

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

```
.border{ border-color:rgb(149, 121, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 144);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0779, 0.3205, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 144) }
```

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

```
.background{ background-color: rgb(149,  
121, 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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