

Converting Colors

$Y_{xy}(21.7155, 0.3159, 0.2866)$

Have a look what the booklet for
Yxy(21.7155, 0.3159, 0.2866)
contains.

Yxy(21.7113, 0.3159, 0.2865)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.7113, 0.3159, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	937892
RGB	147, 120, 146
RGB Percent	58%, 47%, 57%
CMY	0.4235, 0.5294, 0.4274
CMYK	0.00, 0.18, 0.01, 0.42
HSL	302°, 11%, 52%
HSV	302°, 18%, 58%
XYZ	23.9393, 21.7113, 30.1306
YIQ	131.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

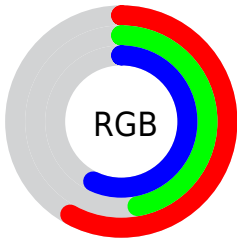
Format	Color
R_{YB}	147, 120, 146
Decimal	9664658
CIE _{Lab}	53.72, 15.25, -10.12
CIE _{LCh}	54, 18.304, 326.416
Yxy	21.7113, 0.3159, 0.2865
Android (android.graphics.Color)	4287854738 (0xFF937892)
YUV	131.0370, 7.3768, 13.9996
Hunter-Lab	46.5954, 10.1658, -5.7227

Details

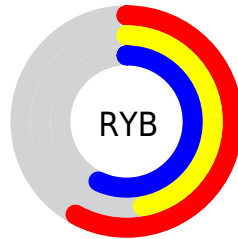
The Yxy color $21.7113, 0.3159, 0.2865$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $26.2426, 0.3095, 0.3755$, and the grayscale version is $22.6828, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.0927, 0.3152, 0.2949$, and $7.8195, 0.3173, 0.2714$ is the 20% darker color. If you saturate the color by 10%, you get $18.4269, 0.3178, 0.2630$, and if you desaturate by 10%, it is $25.5406, 0.3141, 0.3099$.

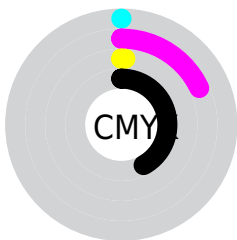
Distribution



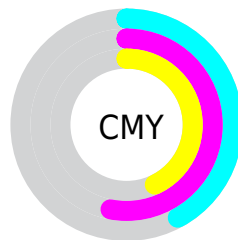
- Red (58%)
- Green (47%)
- Blue (57%)



- Red (58%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (42%)





- Cyan (42%)
- Magenta (53%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7113, 0.3159, 0.2865 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 21.7113, 0.3159, 0.2865 by changing the saturation by 10% instead.


 21.7113, 0.3159,
0.2865


 21.7113, 0.3159,
0.2865


261.0349, 0.3144,
0.3097


 13.6449, 0.3162,
0.2799


 46.2684, 0.3154,
0.2955

 7.8741, 0.3166,
0.2710


 63.5279, 0.3152,
0.2987

 4.0145, 0.3169,
0.2581

 84.6205, 0.3150,
0.3013

 1.6817, 0.3170,
0.2380

109.9307, 0.3149,
0.3036

 0.4118, 0.3257,
0.1756

139.8428, 0.3147,
0.3054

 0.0000, 0.0000,
0.0000

174.7413, 0.3146,

0.3071

215.0105, 0.3145,
0.3085

■ 21.7113, 0.3159,
0.2865

■ 21.7113, 0.3159,
0.2865

■ 18.4269, 0.3178,
0.2630

■ 25.5406, 0.3141,
0.3099

■ 15.6598, 0.3198,
0.2402

■ 29.9349, 0.3125,
0.3326

■ 13.3844, 0.3217,
0.2189

■ 34.9171, 0.3109,
0.3543

■ 11.5718, 0.3237,
0.1999

■ 40.5078, 0.3096,
0.3746

■ 10.1898, 0.3255,
0.1841

■ 46.7265, 0.3084,
0.3935

■ 9.2026, 0.3272,
0.1722

■ 53.5921, 0.3073,
0.4108

■ 8.5682, 0.3286,
0.1643

■ 61.1224, 0.3063,
0.4267

■ 8.2002, 0.3299,
0.1599

■ 69.3347, 0.3055,
0.4411

■ 8.1456, 0.3301,
0.1592

■ 78.2457, 0.3048,
0.4541

Harmonies

Analogous

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



21.7113, 0.2839, 0.2757



21.7113, 0.3159, 0.2865



21.7113, 0.3486, 0.3072

Triad

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



21.7113, 0.3159, 0.2865



21.7113, 0.3662, 0.3809



21.7113, 0.2567, 0.3196

Complementary

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



21.7113, 0.3159, 0.2865



26.2426, 0.3095, 0.3755

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.



21.7113, 0.2767, 0.3514



21.7113, 0.3159, 0.2865



21.7113, 0.3397, 0.3881

Square

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



21.7113, 0.3159, 0.2865



21.7113, 0.3784, 0.3604



21.7113, 0.3069, 0.3775



21.7113, 0.2511, 0.2928

Rectangle

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



21.7113, 0.3159, 0.2865



21.7113, 0.3658, 0.3245



21.7113, 0.3069, 0.3775



21.7113, 0.2619, 0.3301

Sweetspot

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



21.7122, 0.3159, 0.2865



47.4147, 0.3137, 0.3151



19.5971, 0.2845, 0.2808



10.7246, 0.3138, 0.3138



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.



21.7122, 0.3159, 0.2865



36.3642, 0.3167, 0.2769



21.3188, 0.3316, 0.3080



5.9056, 0.3143, 0.3080



7.0620, 0.3300, 0.1592



0.0874, 0.3251, 0.1565

Inverse Universe

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



21.7122, 0.3159, 0.2865



36.3642, 0.3167, 0.2769



26.5949, 0.2972, 0.3511



5.9056, 0.3143, 0.3080



7.0620, 0.3300, 0.1592



0.0874, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 21.7113, 0.3159, 0.2865 looks on a white background.

Color Contrast Check

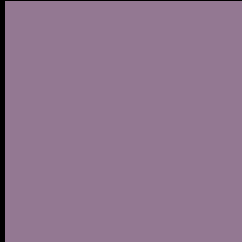
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7113, 0.3159, 0.2865 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 21.7113, 0.3159, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 21.7113, 0.3159, 0.2865.



This preview shows how white text looks on a background with the Yxy color 21.7113, 0.3159, 0.2865.

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

21.7113, 0.3159, 0.2865

Protanopia

21.6982, 0.2845, 0.2873

Deuteranopia

21.6981, 0.3004, 0.2947



Tritanopia

21.6048, 0.3295, 0.3122

Trichromacy



Original Color

21.7113, 0.3159, 0.2865

Protanomaly

21.4908, 0.2951, 0.2863

Deuteranomaly

21.6135, 0.3062, 0.2919

Tritanomaly

21.5919, 0.3250, 0.3024

Monochromacy



Original Color

21.7113, 0.3159, 0.2865

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.2747, 0.3146, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7113, 0.3159, 0.2865 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(147, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(147, 120, 146)  
}
```

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(147, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 120, 146) }
```

Border

The CSS property to change the border of an element to Yxy 21.7113, 0.3159, 0.2865 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(147, 120, 146) }
```

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

```
.border{ border-color:rgb(147, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(147, 120,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7113, 0.3159, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 120, 146) }
```

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

```
.background{ background-color: rgb(147,  
120, 146) }
```

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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