

Converting Colors

$Y_{xy}(19.7008, 0.3333, 0.2790)$

Have a look what the booklet for
Yxy(19.7008, 0.3333, 0.2790)
contains.

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Color

Yxy(19.7008, 0.3333, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	9A6D8C
RGB	154, 109, 140
RGB Percent	60%, 43%, 55%
CMY	0.3959, 0.5726, 0.4509
CMYK	0.00, 0.29, 0.09, 0.40
HSL	319°, 18%, 52%
HSV	319°, 29%, 60%
XYZ	23.5350, 19.7008, 27.3763
YIQ	125.9890, 16.8690, 19.1810

Conversions

Conversions Part 2

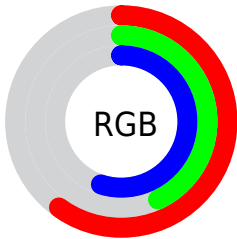
Format	Color
R_{YB}	154, 109, 140
Decimal	10120588
CIE _{Lab}	51.50, 23.04, -9.86
CIE _{LCh}	51, 25.059, 336.836
Yxy	19.7008, 0.3333, 0.2790
Android (android.graphics.Color)	4288310668 (0xFF9A6D8C)
YUV	125.9890, 6.9074, 24.5656
Hunter-Lab	44.3856, 16.9732, -5.4993

Details

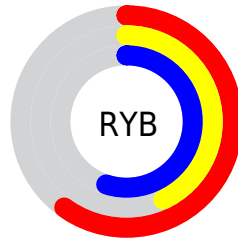
The Yxy color $19.7008, 0.3333, 0.2790$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.8058, 0.2969, 0.3850$, and the grayscale version is $20.8330, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.9401, 0.3285, 0.2892$, and $6.9005, 0.3403, 0.2611$ is the 20% darker color. If you saturate the color by 10%, you get $16.5602, 0.3426, 0.2616$, and if you desaturate by 10%, it is $23.4253, 0.3252, 0.2966$.

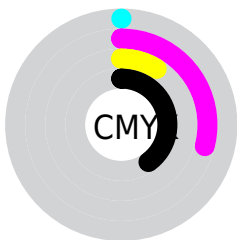
Distribution



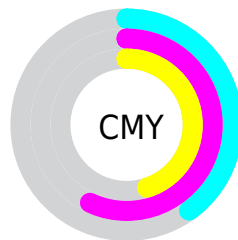
- Red (60%)
- Green (43%)
- Blue (55%)



- Red (60%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.7008, 0.3333, 0.2790 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 19.7008, 0.3333, 0.2790 by changing the saturation by 10% instead.


 19.7008, 0.3333,
0.2790


 19.7008, 0.3333,
0.2790


250.2907, 0.3220,
0.3065


 12.1777, 0.3365,
0.2712


 42.9150, 0.3289,
0.2897

 6.8648, 0.3408,
0.2604


 59.3749, 0.3274,
0.2935

 3.3777, 0.3471,
0.2448

 79.5825, 0.3261,
0.2966

 1.3320, 0.3568,
0.2203

 103.9223, 0.3250,
0.2992

 0.1658, 0.4102,
0.0944

132.7787, 0.3241,
0.3015

 0.0000, 0.0000,
0.0000

166.5359, 0.3233,

0.3034

205.5785, 0.3226,
0.3051

■ 19.7008, 0.3333,
0.2790

■ 19.7008, 0.3333,
0.2790

■ 16.5602, 0.3426,
0.2616

■ 23.4253, 0.3252,
0.2966

■ 13.9707, 0.3531,
0.2451

■ 27.7589, 0.3182,
0.3137

■ 11.9003, 0.3647,
0.2304

■ 32.7288, 0.3123,
0.3302

■ 10.3127, 0.3772,
0.2185

■ 38.3594, 0.3073,
0.3457

■ 9.1666, 0.3902,
0.2104

■ 44.6742, 0.3031,
0.3602

■ 8.4141, 0.4033,
0.2068

■ 51.6953, 0.2996,
0.3736

■ 7.9487, 0.4163,
0.2072

■ 59.4437, 0.2967,
0.3859

■ 7.9162, 0.4173,
0.2072

■ 67.9399, 0.2942,
0.3972

■ 77.2032, 0.2922,
0.4075

Harmonies

Analogous

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



19.7008, 0.2864, 0.2591



19.7008, 0.3333, 0.2790



19.7008, 0.3772, 0.3103

Triad

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



19.7008, 0.3333, 0.2790



19.7008, 0.3760, 0.4081



19.7008, 0.2301, 0.2999

Complementary

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



19.7008, 0.3333, 0.2790



27.8058, 0.2969, 0.3850

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.



19.7008, 0.2505, 0.3446



19.7008, 0.3333, 0.2790



19.7008, 0.3339, 0.4119

Square

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



19.7008, 0.3333, 0.2790



19.7008, 0.4021, 0.3828



19.7008, 0.2880, 0.3880



19.7008, 0.2298, 0.2682

Rectangle

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



19.7008, 0.3333, 0.2790



19.7008, 0.3972, 0.3347



19.7008, 0.2880, 0.3880



19.7008, 0.2347, 0.3139

Sweetspot

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



19.7017, 0.3333, 0.2790



50.4555, 0.3182, 0.3139



17.4426, 0.2780, 0.2500



11.1608, 0.3191, 0.3115



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.7017, 0.3333, 0.2790



31.9717, 0.3392, 0.2677



19.1159, 0.3627, 0.3141



6.2909, 0.3182, 0.3138



6.4523, 0.4163, 0.2067



0.1029, 0.3664, 0.1792

Inverse Universe

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



19.7017, 0.3333, 0.2790



31.9717, 0.3392, 0.2677



28.4205, 0.2786, 0.3446



6.2909, 0.3182, 0.3138



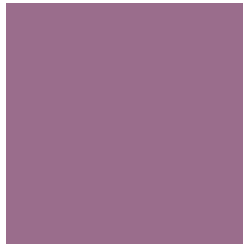
6.4523, 0.4163, 0.2067



0.1029, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 19.7008, 0.3333, 0.2790 looks on a white background.

Color Contrast Check

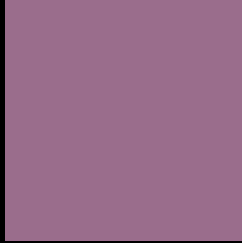
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7008, 0.3333, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

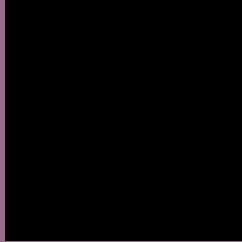
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7008, 0.3333, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 19.7008, 0.3333, 0.2790.



This preview shows how white text looks on a background with the Yxy color 19.7008, 0.3333, 0.2790.

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

19.7008, 0.3333, 0.2790

Protanopia

19.8709, 0.2785, 0.2806

Deuteranopia

19.8571, 0.3021, 0.2969



Tritanopia

19.6442, 0.3548, 0.3141

Trichromacy



Original Color

19.7008, 0.3333, 0.2790

Protanomaly

19.5437, 0.2958, 0.2785

Deuteranomaly

19.6732, 0.3121, 0.2893

Tritanomaly

19.6997, 0.3471, 0.3010

Monochromacy



Original Color

19.7008, 0.3333, 0.2790

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3059, 0.3198, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7008, 0.3333, 0.2790 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(154, 109, 140)` looks like.

```
.text, #text, p{  
    color:rgb(154, 109, 140)  
}
```

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(154, 109, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 109, 140) }
```

Border

The CSS property to change the border of an element to Yxy 19.7008, 0.3333, 0.2790 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(154, 109, 140) }
```

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

```
.border{ border-color:rgb(154, 109, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 109, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 109, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 109, 140);  
box-shadow:4px 4px 4px 4px rgb(154, 109,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7008, 0.3333, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 109, 140) }
```

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

```
.background{ background-color: rgb(154,  
109, 140) }
```

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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