

Converting Colors

$Y_{xy}(20.6527, 0.3334, 0.3028)$

Have a look what the booklet for
Yxy(20.6527, 0.3334, 0.3028)
contains.

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Color

Yxy(20.7119, 0.3329, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	947585
RGB	148, 117, 133
RGB Percent	58%, 46%, 52%
CMY	0.4196, 0.5412, 0.4783
CMYK	0.00, 0.21, 0.10, 0.42
HSL	329°, 13%, 52%
HSV	329°, 21%, 58%
XYZ	22.8084, 20.7119, 24.9940
YIQ	128.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

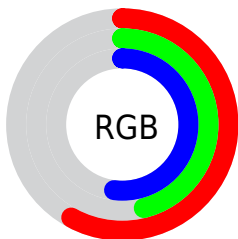
Format	Color
R_{YB}	148, 117, 133
Decimal	9729413
CIE _{Lab}	52.63, 14.88, -4.13
CIE _{LCh}	53, 15.441, 344.501
Yxy	20.7119, 0.3329, 0.3023
Android (android.graphics.Color)	4287919493 (0xFF947585)
YUV	128.0930, 2.4192, 17.4584
Hunter-Lab	45.5103, 9.8159, -0.7045

Details

The Yxy color $20.7119, 0.3329, 0.3023$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.6263, 0.2965, 0.3573$, and the grayscale version is $21.6090, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.4777, 0.3283, 0.3080$, and $7.4377, 0.3400, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $17.3413, 0.3455, 0.2889$, and if you desaturate by 10%, it is $24.6431, 0.3223, 0.3154$.

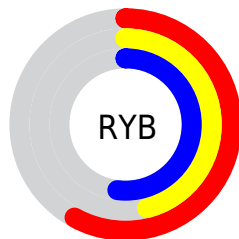
Distribution



Red (58%)

Green (46%)

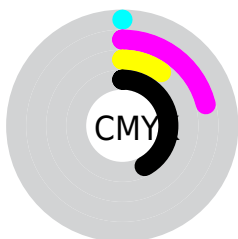
Blue (52%)



Red (58%)

Yellow (46%)

Blue (52%)

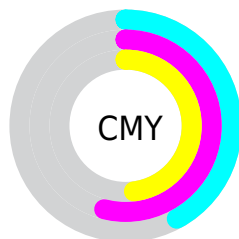


Cyan (0%)

Magenta (21%)

Yellow (10%)

Black (42%)



Cyan (42%)


Magenta (54%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.7119, 0.3329, 0.3023 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 20.7119, 0.3329, 0.3023 by changing the saturation by 10% instead.


 20.7119, 0.3329,
0.3023

 20.7119, 0.3329,
0.3023


255.7434, 0.3216,
0.3172


 12.9136, 0.3362,
0.2980


 44.6076, 0.3284,
0.3081

 7.3691, 0.3409,
0.2920


 61.4737, 0.3269,
0.3102

 3.6940, 0.3478,
0.2831

 82.1312, 0.3256,
0.3119

 1.5039, 0.3592,
0.2686

106.9645, 0.3245,
0.3133

 0.2915, 0.4164,
0.1896

136.3580, 0.3236,
0.3145

 0.0000, 0.0000,
0.0000

170.6960, 0.3228,

0.3155

210.3630, 0.3222,
0.3164

■ 20.7119, 0.3329,
0.3023

■ 20.7119, 0.3329,
0.3023

■ 17.3413, 0.3455,
0.2889

■ 24.6431, 0.3223,
0.3154

■ 14.5027, 0.3603,
0.2755

■ 29.1561, 0.3135,
0.3279

■ 12.1691, 0.3775,
0.2630

■ 34.2748, 0.3061,
0.3396

■ 10.3101, 0.3971,
0.2521

■ 40.0205, 0.3000,
0.3504

■ 8.8918, 0.4186,
0.2441

■ 46.4137, 0.2950,
0.3604

■ 7.8761, 0.4413,
0.2400

■ 53.4738, 0.2907,
0.3696

■ 7.2181, 0.4644,
0.2408

■ 61.2197, 0.2873,
0.3780

■ 6.8244, 0.4853,
0.2447

■ 69.6691, 0.2843,
0.3858

■ 78.8394, 0.2819,
0.3928

Harmonies

Analogous

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



20.7119, 0.3042, 0.2873



20.7119, 0.3329, 0.3023



20.7119, 0.3569, 0.3239

Triad

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



20.7119, 0.3329, 0.3023



20.7119, 0.3461, 0.3788



20.7119, 0.2599, 0.3064

Complementary

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



20.7119, 0.3329, 0.3023



26.6263, 0.2965, 0.3573

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.



20.7119, 0.2700, 0.3319



20.7119, 0.3329, 0.3023



20.7119, 0.3193, 0.3756

Square

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



20.7119, 0.3329, 0.3023



20.7119, 0.3645, 0.3679



20.7119, 0.2915, 0.3580



20.7119, 0.2630, 0.2886

Rectangle

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



20.7119, 0.3329, 0.3023



20.7119, 0.3664, 0.3398



20.7119, 0.2915, 0.3580



20.7119, 0.2618, 0.3143

Sweetspot

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



20.7128, 0.3329, 0.3023



47.1932, 0.3178, 0.3215



19.7237, 0.2954, 0.2756



10.6694, 0.3184, 0.3208



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.



20.7128, 0.3329, 0.3023



33.7181, 0.3384, 0.2962



20.3276, 0.3518, 0.3274



5.8624, 0.3207, 0.3176



5.8349, 0.4840, 0.2440



0.0774, 0.3994, 0.1974

Inverse Universe

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



20.7128, 0.3329, 0.3023



33.7181, 0.3384, 0.2962



27.0665, 0.2833, 0.3307



5.8624, 0.3207, 0.3176



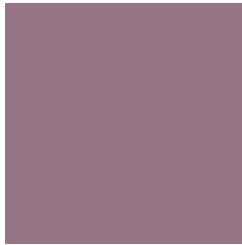
5.8349, 0.4840, 0.2440



0.0774, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 20.7119, 0.3329, 0.3023 looks on a white background.

Color Contrast Check

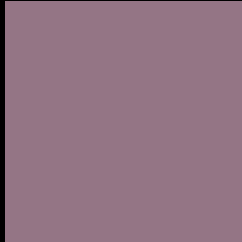
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7119, 0.3329, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

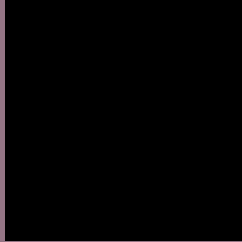
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.7119, 0.3329, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 20.7119, 0.3329, 0.3023.



This preview shows how white text looks on a background with the Yxy color 20.7119, 0.3329, 0.3023.

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

20.7119, 0.3329, 0.3023

Protanopia

20.7873, 0.2975, 0.3056

Deuteranopia

20.7359, 0.3172, 0.3115



Tritanopia

20.6922, 0.3389, 0.3139

Trichromacy



Original Color

20.7119, 0.3329, 0.3023

Protanomaly

20.6832, 0.3102, 0.3045

Deuteranomaly

20.6743, 0.3236, 0.3084

Tritanomaly

20.7449, 0.3364, 0.3105

Monochromacy



Original Color

20.7119, 0.3329, 0.3023

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1779, 0.3193, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.7119, 0.3329, 0.3023 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(148, 117, 133)` looks like.

```
.text, #text, p{  
    color:rgb(148, 117, 133)  
}
```

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(148, 117, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 117, 133) }
```

Border

The CSS property to change the border of an element to Yxy 20.7119, 0.3329, 0.3023 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(148, 117, 133) }
```

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

```
.border{ border-color:rgb(148, 117, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 117, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 117, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 117, 133);  
box-shadow:4px 4px 4px 4px rgb(148, 117,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 20.7119, 0.3329, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 117, 133) }
```

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

```
.background{ background-color: rgb(148,  
117, 133) }
```

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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