

Converting Colors

$Y_{xy}(20.8746, 0.3479, 0.2972)$

Have a look what the booklet for
Yxy(20.8746, 0.3479, 0.2972)
contains.

Yxy(20.8746, 0.3479, 0.2972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.8746, 0.3479, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	9F7185
RGB	159, 113, 133
RGB Percent	62%, 44%, 52%
CMY	0.3765, 0.5568, 0.4785
CMYK	0.00, 0.29, 0.16, 0.38
HSL	334°, 19%, 53%
HSV	334°, 29%, 62%
XYZ	24.4356, 20.8746, 24.9273
YIQ	129.0340, 20.9960, 15.9720

Conversions

Conversions Part 2

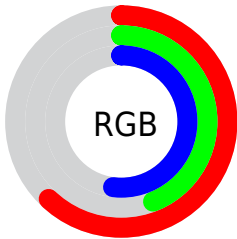
Format	Color
R_{YB}	159, 113, 133
Decimal	10449285
CIE _{Lab}	52.81, 21.33, -3.71
CIE _{LCh}	53, 21.647, 350.137
Yxy	20.8746, 0.3479, 0.2972
Android (android.graphics.Color)	4288639365 (0xFF9F7185)
YUV	129.0340, 1.9552, 26.2802
Hunter-Lab	45.6887, 15.5116, -0.3659

Details

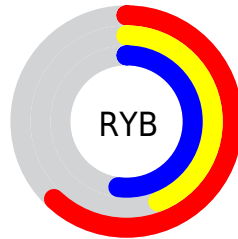
The Yxy color $20.8746, 0.3479, 0.2972$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.1709, 0.2875, 0.3633$, and the grayscale version is $21.9533, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.7516, 0.3399, 0.3039$, and $7.4327, 0.3618, 0.2831$ is the 20% darker color. If you saturate the color by 10%, you get $17.3950, 0.3650, 0.2858$, and if you desaturate by 10%, it is $24.9989, 0.3335, 0.3086$.

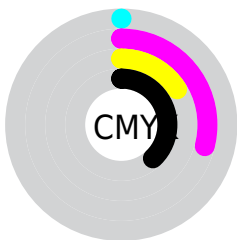
Distribution



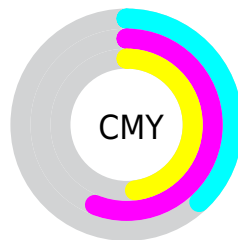
- Red (62%)
- Green (44%)
- Blue (52%)



- Red (62%)
- Yellow (44%)
- Blue (52%)



- Cyan (0%)
- Magenta (29%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8746, 0.3479, 0.2972 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 20.8746, 0.3479, 0.2972 by changing the saturation by 10% instead.


 20.8746, 0.3479,
0.2972


 20.8746, 0.3479,
0.2972


256.6113, 0.3281,
0.3149

 13.0324, 0.3537,
0.2921


 44.8787, 0.3401,
0.3041

 7.4508, 0.3619,
0.2850


 61.8094, 0.3374,
0.3066

 3.7456, 0.3740,
0.2745

 82.5384, 0.3351,
0.3086

 1.5323, 0.3940,
0.2577

 107.4501, 0.3333,
0.3102

 0.3113, 0.4731,
0.1804

136.9288, 0.3317,
0.3117

 0.0000, 0.0000,
0.0000

171.3590, 0.3303,

0.3129

211.1250, 0.3292,
0.3140

■ 20.8746, 0.3479,
0.2972

■ 20.8746, 0.3479,
0.2972

■ 17.3950, 0.3650,
0.2858

■ 24.9989, 0.3335,
0.3086

■ 14.5243, 0.3852,
0.2749

■ 29.7957, 0.3216,
0.3197

■ 12.2276, 0.4085,
0.2656

■ 35.2945, 0.3117,
0.3301

■ 10.4650, 0.4345,
0.2587

■ 41.5222, 0.3036,
0.3398

■ 9.1919, 0.4623,
0.2557

■ 48.5044, 0.2969,
0.3488

■ 8.3557, 0.4905,
0.2575

■ 56.2653, 0.2913,
0.3570

■ 7.8505, 0.5179,
0.2636

■ 64.8282, 0.2867,
0.3646

■ 7.8013, 0.5209,
0.2643

■ 74.2152, 0.2829,
0.3715

■ 83.7412, 0.2796,
0.3766

Harmonies

Analogous

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



20.8746, 0.3078, 0.2750



20.8746, 0.3479, 0.2972



20.8746, 0.3795, 0.3272

Triad

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



20.8746, 0.3479, 0.2972



20.8746, 0.3522, 0.4000



20.8746, 0.2395, 0.2910

Complementary

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



20.8746, 0.3479, 0.2972



30.1709, 0.2875, 0.3633

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.



20.8746, 0.2498, 0.3252



20.8746, 0.3479, 0.2972



20.8746, 0.3136, 0.3923

Square

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



20.8746, 0.3479, 0.2972



20.8746, 0.3813, 0.3865



20.8746, 0.2763, 0.3637



20.8746, 0.2472, 0.2700

Rectangle

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



20.8746, 0.3479, 0.2972



20.8746, 0.3902, 0.3488



20.8746, 0.2763, 0.3637



20.8746, 0.2410, 0.3012

Sweetspot

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



20.8756, 0.3479, 0.2972



53.1375, 0.3219, 0.3194



19.7439, 0.2915, 0.2536



11.6962, 0.3234, 0.3179



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.



20.8756, 0.3479, 0.2972



33.0631, 0.3591, 0.2895



20.8945, 0.3735, 0.3329



6.6916, 0.3220, 0.3193



6.1701, 0.5188, 0.2631



0.1187, 0.4270, 0.2126

Inverse Universe

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



20.8756, 0.3479, 0.2972



33.0631, 0.3591, 0.2895



30.0260, 0.2714, 0.3250



6.6916, 0.3220, 0.3193



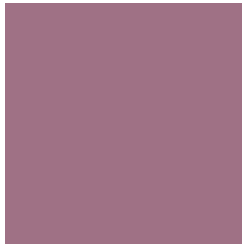
6.1701, 0.5188, 0.2631



0.1187, 0.4270, 0.2126

Previews

White Background



This preview shows how the Yxy color 20.8746, 0.3479, 0.2972 looks on a white background.

Color Contrast Check

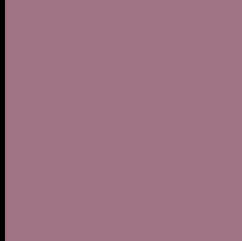
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8746, 0.3479, 0.2972 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 20.8746, 0.3479, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 20.8746, 0.3479, 0.2972.



This preview shows how white text looks on a background with the Yxy color 20.8746, 0.3479, 0.2972.

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

20.8746, 0.3479, 0.2972

Protanopia

20.8754, 0.2944, 0.3005

Deuteranopia

21.0389, 0.3194, 0.3150



Tritanopia

20.9606, 0.3591, 0.3162

Trichromacy



Original Color

20.8746, 0.3479, 0.2972

Protanomaly

20.8281, 0.3129, 0.2997

Deuteranomaly

20.7889, 0.3287, 0.3070

Tritanomaly

20.8360, 0.3541, 0.3081

Monochromacy



Original Color

20.8746, 0.3479, 0.2972

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3531, 0.3255, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8746, 0.3479, 0.2972 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(159, 113, 133)` looks like.

```
.text, #text, p{  
    color:rgb(159, 113, 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(159, 113, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 113, 133) }
```

Border

The CSS property to change the border of an element to Yxy 20.8746, 0.3479, 0.2972 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(159, 113, 133) }
```

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

```
.border{ border-color:rgb(159, 113, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 113, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 113, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 113, 133);  
box-shadow:4px 4px 4px 4px rgb(159, 113,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8746, 0.3479, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 113, 133) }
```

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

```
.background{ background-color: rgb(159,  
113, 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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