

Converting Colors

$Y_{xy}(22.8592, 0.3665, 0.3287)$

Have a look what the booklet for
Yxy(22.8592, 0.3665, 0.3287)
contains.

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Color

Yxy(22.9477, 0.3672, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	A47979
RGB	164, 121, 121
RGB Percent	64%, 47%, 47%
CMY	0.3569, 0.5255, 0.5256
CMYK	0.00, 0.26, 0.26, 0.36
HSL	0°, 19%, 56%
HSV	0°, 26%, 64%
XYZ	25.5966, 22.9477, 21.1632
YIQ	133.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

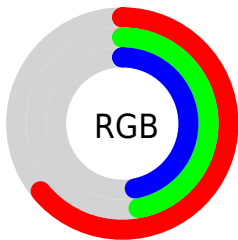
Format	Color
RYB	164, 121, 121
Decimal	10779001
CIELab	55.02, 16.77, 6.59
CIELCh	55, 18.023, 21.459
Yxy	22.9477, 0.3672, 0.3292
Android (android.graphics.Color)	4288969081 (0xFFA47979)
YUV	133.8570, -6.3385, 26.4354
Hunter-Lab	47.9038, 11.5470, 7.3392

Details

The Yxy color $22.9477, 0.3672, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.2831, 0.2752, 0.3288$, and the grayscale version is $23.8016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.5049, 0.3554, 0.3303$, and $8.4953, 0.3878, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $18.9291, 0.3975, 0.3293$, and if you desaturate by 10%, it is $27.7136, 0.3427, 0.3291$.

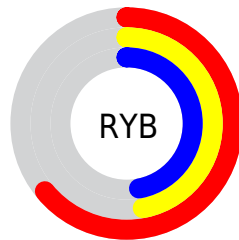
Distribution



Red (64%)

Green (47%)

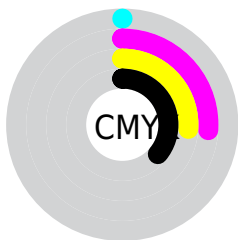
Blue (47%)



Red (64%)

Yellow (47%)

Blue (47%)

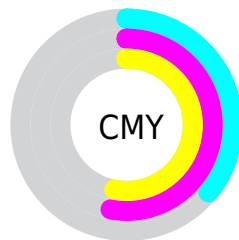


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (36%)



Cyan (36%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9477, 0.3672, 0.3292 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 22.9477, 0.3672, 0.3292 by changing the saturation by 10% instead.


 22.9477, 0.3672,
0.3292


 22.9477, 0.3672,
0.3292


267.4563, 0.3365,
0.3296


 14.5549, 0.3763,
0.3289


 48.3074, 0.3551,
0.3295

 8.5076, 0.3889,
0.3282


 66.0432, 0.3508,
0.3296

 4.4214, 0.4078,
0.3269

 87.6620, 0.3474,
0.3296

 1.9120, 0.4387,
0.3238

113.5483, 0.3445,
0.3296

 0.5556, 0.5737,
0.3386

144.0865, 0.3420,
0.3296

 0.0000, 0.0000,
0.0000

179.6609, 0.3399,

0.3296

220.6561, 0.3381,
0.3296

■ 22.9477, 0.3672,
0.3292

■ 22.9477, 0.3672,
0.3292

■ 18.9291, 0.3975,
0.3293

■ 27.7136, 0.3427,
0.3291

■ 15.6168, 0.4343,
0.3294

■ 33.2586, 0.3230,
0.3290

■ 12.9712, 0.4771,
0.3296

■ 39.6166, 0.3072,
0.3290

■ 10.9470, 0.5239,
0.3297

■ 46.8183, 0.2945,
0.3289

■ 9.4935, 0.5699,
0.3298

■ 54.8931, 0.2842,
0.3289

■ 8.5521, 0.6080,
0.3299

■ 63.8689, 0.2758,
0.3289

■ 8.0419, 0.6324,
0.3300

■ 73.7724, 0.2689,
0.3288

■ 7.8942, 0.6400,
0.3300

■ 84.6290, 0.2632,
0.3288

■ 86.6320, 0.2624,
0.3289

Harmonies

Analogous

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



22.9477, 0.3425, 0.3041



22.9477, 0.3672, 0.3292



22.9477, 0.3764, 0.3554

Triad

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



22.9477, 0.3672, 0.3292



22.9477, 0.3124, 0.3786



22.9477, 0.2599, 0.2807

Complementary

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



22.9477, 0.3672, 0.3292



33.2831, 0.2752, 0.3288

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.



22.9477, 0.2529, 0.2977



22.9477, 0.3672, 0.3292



22.9477, 0.2822, 0.3555

Square

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



22.9477, 0.3672, 0.3292



22.9477, 0.3437, 0.3861



22.9477, 0.2608, 0.3250



22.9477, 0.2804, 0.2767

Rectangle

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



22.9477, 0.3672, 0.3292



22.9477, 0.3724, 0.3706



22.9477, 0.2608, 0.3250



22.9477, 0.2559, 0.2850

Sweetspot

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



22.9488, 0.3672, 0.3292



58.3269, 0.3264, 0.3291



24.2423, 0.3157, 0.2653



12.4220, 0.3291, 0.3291



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



22.9488, 0.3672, 0.3292



37.5875, 0.3827, 0.3293



28.7635, 0.3590, 0.3623



7.0866, 0.3285, 0.3291



6.0536, 0.6400, 0.3300



0.1274, 0.6397, 0.3303

Inverse Universe

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



33.2831, 0.2752, 0.3288



59.3157, 0.2685, 0.3288



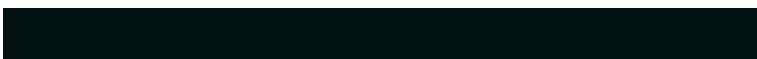
26.2353, 0.2719, 0.2932



8.0105, 0.2988, 0.3289



22.3852, 0.2246, 0.3286



0.4706, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 22.9477, 0.3672, 0.3292 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 22.9477, 0.3672, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

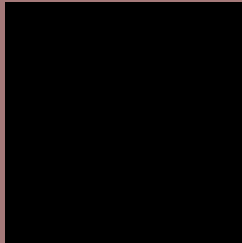
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9477, 0.3672, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 22.9477, 0.3672, 0.3292.



This preview shows how white text looks on a background with the Yxy color 22.9477, 0.3672, 0.3292.

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

22.9477, 0.3672, 0.3292

Protanopia

22.9991, 0.3229, 0.3360

Deuteranopia

22.9244, 0.3475, 0.3408



Tritanopia

23.0173, 0.3586, 0.3151

Trichromacy



Original Color

22.9477, 0.3672, 0.3292

Protanomaly

22.7704, 0.3379, 0.3324

Deuteranomaly

22.8933, 0.3544, 0.3373

Tritanomaly

22.9386, 0.3624, 0.3198

Monochromacy



Original Color

22.9477, 0.3672, 0.3292

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.3052, 0.3317, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9477, 0.3672, 0.3292 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(164, 121, 121)` looks like.

```
.text, #text, p{  
  color:rgb(164, 121, 121)  
}
```

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(164, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 121, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.9477, 0.3672, 0.3292 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(164, 121, 121) }
```

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

```
.border{ border-color:rgb(164, 121, 121) }
```

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

Here you see how a box with a 4 pixel rgb(164, 121, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(164, 121,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9477, 0.3672, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 121, 121) }
```

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

```
.background{ background-color: rgb(164,  
121, 121) }
```

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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