

Converting Colors

$Y_{xy}(22.4686, 0.3993, 0.3293)$

Have a look what the booklet for
Yxy(22.4686, 0.3993, 0.3293)
contains.

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Color

Yxy(22.4675, 0.3993, 0.3293)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------------|
| Hex | B27171 |
| RGB | 178, 113, 113 |
| RGB Percent | 70%, 44%, 44% |
| CMY | 0.3020, 0.5568, 0.5569 |
| CMYK | 0.00, 0.37, 0.37, 0.30 |
| HSL | 0°, 30%, 57% |
| HSV | 0°, 37%, 70% |
| XYZ | 27.2435, 22.4675, 18.5171 |
| YIQ | 132.4350, 38.7400, 13.7800 |

Conversions

Conversions Part 2

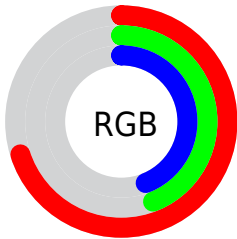
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 113, 113 |
| Decimal | 11694449 |
| CIE _{Lab} | 54.52, 25.71, 10.78 |
| CIE _{LCh} | 55, 27.874, 22.749 |
| Yxy | 22.4675, 0.3993, 0.3293 |
| Android (android.graphics.Color) | 4289884529 (0xFFB27171) |
| YUV | 132.4350, -9.5815, 39.9605 |
| Hunter-Lab | 47.3999, 19.6445, 10.0179 |

Details

The Yxy color **22.4675, 0.3993, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.5479, 0.2623, 0.3288**, and the grayscale version is **23.2648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2890, 0.3795, 0.3292**, and **8.2594, 0.4342, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **18.5178, 0.4366, 0.3294**, and if you desaturate by 10%, it is **27.2761, 0.3685, 0.3292**.

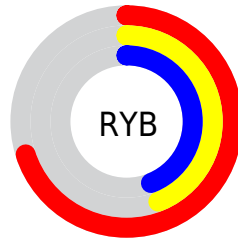
Distribution



Red (70%)

Green (44%)

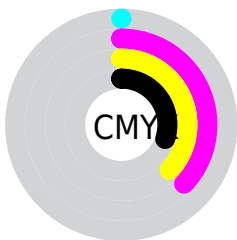
Blue (44%)



Red (70%)

Yellow (44%)

Blue (44%)

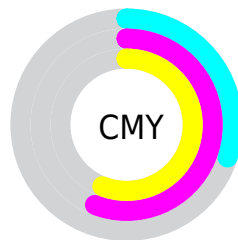


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (30%)



Cyan (30%)


Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.4675, 0.3993, 0.3293 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 22.4675, 0.3993, 0.3293 by changing the saturation by 10% instead.


 22.4675, 0.3993,
0.3293


 22.4675, 0.3993,
0.3293


264.9780, 0.3503,
0.3304


 14.2008, 0.4138,
0.3284

 47.5175, 0.3799,
0.3301


 8.2605, 0.4340,
0.3267


 65.0695, 0.3732,
0.3303

 4.2621, 0.4638,
0.3233

 86.4855, 0.3676,
0.3303

 1.8212, 0.5120,
0.3154

 112.1498, 0.3630,
0.3304

 0.5003, 0.6933,
0.3067

142.4468, 0.3591,
0.3304

 0.0000, 1.0000,
0.0000


177.7609, 0.3557,


 0.0000, 0.0000,


0.3304


0.0000


218.4765, 0.3529,
0.3304

 22.4675, 0.3993,
0.3293


 22.4675, 0.3993,
0.3293


 18.5178, 0.4366,
0.3294


 27.2761, 0.3685,
0.3292


 15.3735, 0.4801,
0.3296


 32.9865, 0.3435,
0.3291


 12.9800, 0.5273,
0.3297


 39.6426, 0.3236,
0.3290

 11.2749, 0.5732,
0.3298


 47.2848, 0.3076,
0.3290

 10.1856, 0.6106,
0.3299


 55.9507, 0.2947,
0.3289

 9.6137, 0.6336,
0.3300

 65.6762, 0.2843,
0.3289

 9.4659, 0.6400,
0.3300

 76.4955, 0.2759,
0.3289

 88.2040, 0.2691,
0.3289

Harmonies

Analogous

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



22.4675, 0.3608, 0.2924



22.4675, 0.3993, 0.3293



22.4675, 0.4120, 0.3686

Triad

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



22.4675, 0.3993, 0.3293



22.4675, 0.3087, 0.4077



22.4675, 0.2335, 0.2544

Complementary

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



22.4675, 0.3993, 0.3293



38.5479, 0.2623, 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.



22.4675, 0.2224, 0.2777



22.4675, 0.3993, 0.3293



22.4675, 0.2634, 0.3689

Square

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



22.4675, 0.3993, 0.3293



22.4675, 0.3573, 0.4190



22.4675, 0.2327, 0.3191



22.4675, 0.2644, 0.2506

Rectangle

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



22.4675, 0.3993, 0.3293



22.4675, 0.4041, 0.3923



22.4675, 0.2327, 0.3191



22.4675, 0.2275, 0.2599

Sweetspot

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



22.4686, 0.3993, 0.3293



66.0477, 0.3323, 0.3291



24.4836, 0.3169, 0.2402



14.2773, 0.3350, 0.3291



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



22.4686, 0.3993, 0.3293



34.7395, 0.4296, 0.3294



31.0552, 0.3821, 0.3762



8.5059, 0.3287, 0.3291



6.7740, 0.6400, 0.3300



0.2134, 0.6398, 0.3302

Inverse Universe

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



38.5479, 0.2623, 0.3288



68.2834, 0.2534, 0.3288



27.1228, 0.2550, 0.2762



9.6308, 0.2986, 0.3289



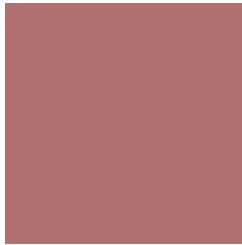
25.0573, 0.2246, 0.3286



0.7886, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 22.4675, 0.3993, 0.3293 looks on a white background.

Color Contrast Check

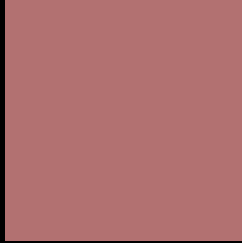
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4675, 0.3993, 0.3293 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 22.4675, 0.3993, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 22.4675, 0.3993, 0.3293.



This preview shows how white text looks on a background with the Yxy color 22.4675, 0.3993, 0.3293.

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

22.4675, 0.3993, 0.3293

Protanopia

22.5213, 0.3274, 0.3431

Deuteranopia

22.6487, 0.3612, 0.3542



Tritanopia

22.5281, 0.3914, 0.3175

Trichromacy



Original Color

22.4675, 0.3993, 0.3293

Protanomaly

22.3265, 0.3522, 0.3375

Deuteranomaly

22.4217, 0.3749, 0.3436

Tritanomaly

22.4564, 0.3956, 0.3219

Monochromacy



Original Color

22.4675, 0.3993, 0.3293

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5375, 0.3421, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4675, 0.3993, 0.3293 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(178, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(178, 113, 113)  
}
```

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(178, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 113, 113) }
```

Border

The CSS property to change the border of an element to Yxy 22.4675, 0.3993, 0.3293 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(178, 113, 113) }
```

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

```
.border{ border-color:rgb(178, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(178, 113,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4675, 0.3993, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 113, 113) }
```

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

```
.background{ background-color: rgb(178,  
113, 113) }
```

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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