

Converting Colors

$Y_{xy}(22.0133, 0.4012, 0.3258)$

Have a look what the booklet for
Yxy(22.0133, 0.4012, 0.3258)
contains.

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Color

Yxy(22.1448, 0.4016, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B36F71
RGB	179, 111, 113
RGB Percent	70%, 44%, 44%
CMY	0.2981, 0.5647, 0.5568
CMYK	0.00, 0.38, 0.37, 0.30
HSL	358°, 31%, 57%
HSV	358°, 38%, 70%
XYZ	27.2551, 22.1448, 18.4664
YIQ	131.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

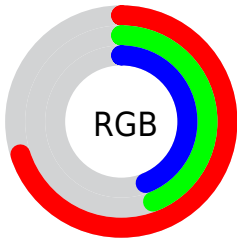
Format	Color
R_{YB}	179, 111, 113
Decimal	11759473
CIE _{Lab}	54.18, 27.21, 10.29
CIE _{LCh}	54, 29.097, 20.720
Yxy	22.1448, 0.4016, 0.3263
Android (android.graphics.Color)	4289949553 (0xFFB36F71)
YUV	131.5600, -9.1501, 41.6049
Hunter-Lab	47.0583, 21.0314, 9.6744

Details

The Yxy color **22.1448, 0.4016, 0.3263** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.7908, 0.2619, 0.3319**, and the grayscale version is **22.9317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9155, 0.3820, 0.3270**, and **8.1120, 0.4380, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **18.2685, 0.4387, 0.3257**, and if you desaturate by 10%, it is **26.8808, 0.3708, 0.3270**.

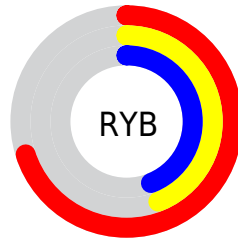
Distribution



Red (70%)

Green (44%)

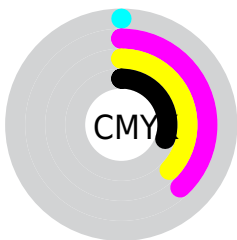
Blue (44%)



Red (70%)

Yellow (44%)

Blue (44%)

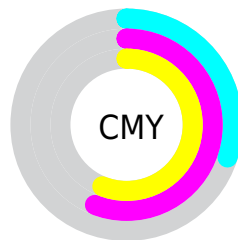


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1448, 0.4016, 0.3263 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 22.1448, 0.4016, 0.3263 by changing the saturation by 10% instead.


 22.1448, 0.4016,
0.3263


 22.1448, 0.4016,
0.3263


263.3015, 0.3512,
0.3291


 13.9633, 0.4165,
0.3249


 46.9852, 0.3817,
0.3278

 8.0952, 0.4374,
0.3225


 64.4129, 0.3747,
0.3282

 4.1559, 0.4683,
0.3180

 85.6915, 0.3690,
0.3284

 1.7612, 0.5183,
0.3084

 111.2054, 0.3642,
0.3286

 0.4628, 0.7099,
0.2901

141.3390, 0.3602,
0.3288

 0.0000, 1.0000,
0.0000

176.4766, 0.3568,

 0.0000, 0.0000,

0.3289

0.0000

217.0026, 0.3538,
0.3290

■ 22.1448, 0.4016,
0.3263

■ 22.1448, 0.4016,
0.3263

■ 18.2685, 0.4387,
0.3257

■ 26.8808, 0.3708,
0.3270

■ 15.1974, 0.4818,
0.3254

■ 32.5202, 0.3459,
0.3277

■ 12.8757, 0.5284,
0.3254


■ 39.1079, 0.3258,
0.3285

■ 11.2394, 0.5735,
0.3260


■ 46.6846, 0.3098,
0.3291

■ 10.2135, 0.6103,
0.3271

■ 55.2887, 0.2968,
0.3298

 9.6806, 0.6332,
0.3282

 64.9566, 0.2864,
0.3303

 9.5945, 0.6368,
0.3282

 75.7229, 0.2779,
0.3308

 87.6206, 0.2709,
0.3313

 88.3229, 0.2696,
0.3289

Harmonies

Analogous

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



22.1448, 0.3597, 0.2883



22.1448, 0.4016, 0.3263



22.1448, 0.4170, 0.3674

Triad

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



22.1448, 0.4016, 0.3263



22.1448, 0.3118, 0.4137



22.1448, 0.2285, 0.2519

Complementary

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



22.1448, 0.4016, 0.3263



38.7908, 0.2619, 0.3319

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.



22.1448, 0.2184, 0.2775



22.1448, 0.4016, 0.3263



22.1448, 0.2638, 0.3743

Square

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



22.1448, 0.4016, 0.3263



22.1448, 0.3624, 0.4231



22.1448, 0.2305, 0.3218



22.1448, 0.2593, 0.2468

Rectangle

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



22.1448, 0.4016, 0.3263



22.1448, 0.4099, 0.3926



22.1448, 0.2305, 0.3218



22.1448, 0.2227, 0.2581

Sweetspot

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



22.1459, 0.4016, 0.3263



66.0785, 0.3318, 0.3282



23.9397, 0.3145, 0.2361



14.2848, 0.3344, 0.3281



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.



22.1459, 0.4016, 0.3263



33.4802, 0.4339, 0.3258



30.2957, 0.3867, 0.3750



8.5092, 0.3283, 0.3284



6.7822, 0.6362, 0.3278



0.2147, 0.6200, 0.3189

Inverse Universe

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



22.1459, 0.4016, 0.3263



33.4802, 0.4339, 0.3258



27.5846, 0.2532, 0.2775



8.5092, 0.3283, 0.3284



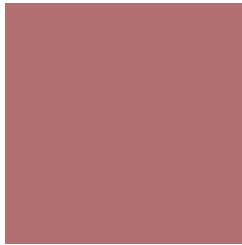
6.7822, 0.6362, 0.3278



0.2147, 0.6200, 0.3189

Previews

White Background



This preview shows how the Yxy color 22.1448, 0.4016, 0.3263 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 22.1448, 0.4016, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

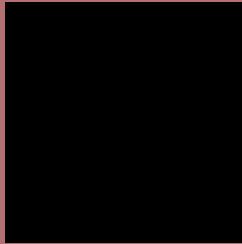
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1448, 0.4016, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 22.1448, 0.4016, 0.3263.



This preview shows how white text looks on a background with the Yxy color 22.1448, 0.4016, 0.3263.

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

22.1448, 0.4016, 0.3263

Protanopia

22.1989, 0.3252, 0.3396

Deuteranopia

22.2045, 0.3591, 0.3528



Tritanopia

22.0436, 0.3952, 0.3175

Trichromacy



Original Color

22.1448, 0.4016, 0.3263

Protanomaly

21.7350, 0.3516, 0.3342

Deuteranomaly

22.0764, 0.3740, 0.3421

Tritanomaly

21.9965, 0.3980, 0.3204

Monochromacy



Original Color

22.1448, 0.4016, 0.3263

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.2855, 0.3424, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1448, 0.4016, 0.3263 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(179, 111, 113)` looks like.

```
.text, #text, p{  
    color:rgb(179, 111, 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(179, 111, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 111, 113) }
```

Border

The CSS property to change the border of an element to Yxy 22.1448, 0.4016, 0.3263 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(179, 111, 113) }
```

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

```
.border{ border-color:rgb(179, 111, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 111, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 111, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 111, 113);  
box-shadow:4px 4px 4px 4px rgb(179, 111,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1448, 0.4016, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 111, 113) }
```

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

```
.background{ background-color: rgb(179,  
111, 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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