

Converting Colors

$Y_{xy}(22.6758, 0.4047, 0.3268)$

Have a look what the booklet for
Yxy(22.6758, 0.4047, 0.3268)
contains.

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Color

Yxy(22.7257, 0.4049, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B67071
RGB	182, 112, 113
RGB Percent	71%, 44%, 44%
CMY	0.2862, 0.5608, 0.5568
CMYK	0.00, 0.38, 0.38, 0.29
HSL	359°, 32%, 58%
HSV	359°, 38%, 71%
XYZ	28.0709, 22.7257, 18.5314
YIQ	133.0440, 41.3990, 15.1510

Conversions

Conversions Part 2

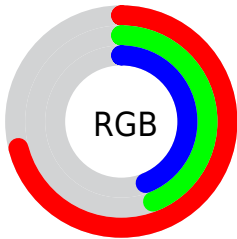
Format	Color
R_{YB}	182, 112, 113
Decimal	11956337
CIE _{Lab}	54.79, 27.85, 11.21
CIE _{LCh}	55, 30.023, 21.933
Yxy	22.7257, 0.4049, 0.3278
Android (android.graphics.Color)	4290146417 (0xFFB67071)
YUV	133.0440, -9.8817, 42.9344
Hunter-Lab	47.6715, 21.6829, 10.3222

Details

The Yxy color **22.7257, 0.4049, 0.3278** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.2469, 0.2607, 0.3304**, and the grayscale version is **23.4982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1521, 0.3841, 0.3292**, and **8.4487, 0.4424, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **18.7434, 0.4430, 0.3276**, and if you desaturate by 10%, it is **27.6020, 0.3732, 0.3281**.

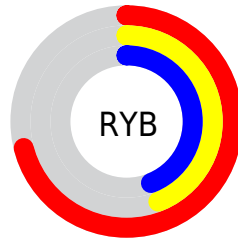
Distribution



Red (71%)

Green (44%)

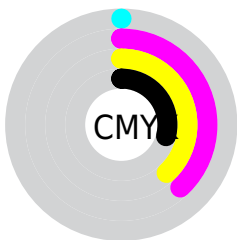
Blue (44%)



Red (71%)

Yellow (44%)

Blue (44%)

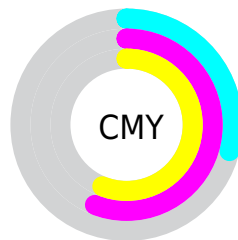


Cyan (0%)

Magenta (38%)

Yellow (38%)

Black (29%)



Cyan (29%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7257, 0.4049, 0.3278 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 22.7257, 0.4049, 0.3278 by changing the saturation by 10% instead.


 22.7257, 0.4049,
0.3278


 22.7257, 0.4049,
0.3278


266.3130, 0.3528,
0.3298


 14.3911, 0.4202,
0.3266


 47.9425, 0.3843,
0.3290


 8.3932, 0.4415,
0.3243

 65.5936, 0.3771,
0.3293

 4.3476, 0.4729,
0.3201

 87.1188, 0.3712,
0.3295

 1.8698, 0.5231,
0.3108

 112.9028, 0.3663,
0.3296

 0.5301, 0.6992,
0.3008

143.3298, 0.3622,
0.3297

 0.0000, 1.0000,
0.0000

178.7842, 0.3586,

 0.0000, 0.0000,


0.3298


0.0000


219.6505, 0.3555,
0.3298


 22.7257, 0.4049,
0.3278


 22.7257, 0.4049,
0.3278


 18.7434, 0.4430,
0.3276


 27.6020, 0.3732,
0.3281

 15.5978, 0.4871,
0.3275

 33.4185, 0.3476,
0.3284


 13.2302, 0.5342,
0.3276


 40.2220, 0.3269,
0.3287

 11.5729, 0.5791,
0.3280


 48.0554, 0.3104,
0.3290


 10.5468, 0.6146,
0.3286


 56.9590, 0.2972,
0.3293

 10.0202, 0.6358,
0.3291

 66.9709, 0.2865,
0.3296

 9.9539, 0.6385,
0.3291

 78.1275, 0.2778,
0.3298

 88.6882, 0.2711,
0.3289

Harmonies

Analogous

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



22.7257, 0.3629, 0.2889



22.7257, 0.4049, 0.3278



22.7257, 0.4193, 0.3697

Triad

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



22.7257, 0.4049, 0.3278



22.7257, 0.3095, 0.4148



22.7257, 0.2276, 0.2497

Complementary

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



22.7257, 0.4049, 0.3278



40.2469, 0.2607, 0.3304

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.



22.7257, 0.2164, 0.2748



22.7257, 0.4049, 0.3278



22.7257, 0.2609, 0.3733

Square

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



22.7257, 0.4049, 0.3278



22.7257, 0.3615, 0.4255



22.7257, 0.2278, 0.3194



22.7257, 0.2598, 0.2453

Rectangle

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



22.7257, 0.4049, 0.3278



22.7257, 0.4112, 0.3953



22.7257, 0.2278, 0.3194



22.7257, 0.2214, 0.2557

Sweetspot

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



22.7268, 0.4049, 0.3278



68.0889, 0.3341, 0.3286



24.7713, 0.3158, 0.2352



14.6826, 0.3367, 0.3286



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



22.7268, 0.4049, 0.3278



35.0868, 0.4361, 0.3276



31.6265, 0.3874, 0.3773



9.0143, 0.3285, 0.3287



7.0281, 0.6382, 0.3289



0.2485, 0.6306, 0.3247

Inverse Universe

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



22.7268, 0.4049, 0.3278



35.0868, 0.4361, 0.3276



28.0574, 0.2521, 0.2747



9.0143, 0.3285, 0.3287



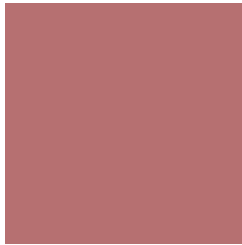
7.0281, 0.6382, 0.3289



0.2485, 0.6306, 0.3247

Previews

White Background



This preview shows how the Yxy color 22.7257, 0.4049, 0.3278 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 22.7257, 0.4049, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

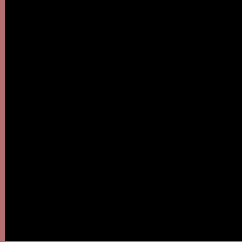
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7257, 0.4049, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 22.7257, 0.4049, 0.3278.



This preview shows how white text looks on a background with the Yxy color 22.7257, 0.4049, 0.3278.

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

22.7257, 0.4049, 0.3278

Protanopia

22.8969, 0.3273, 0.3430

Deuteranopia

22.9799, 0.3632, 0.3574



Tritanopia

22.7681, 0.3983, 0.3178

Trichromacy



Original Color

22.7257, 0.4049, 0.3278

Protanomaly

22.5195, 0.3547, 0.3374

Deuteranomaly

22.8533, 0.3782, 0.3467

Tritanomaly

22.7205, 0.4011, 0.3206

Monochromacy



Original Color

22.7257, 0.4049, 0.3278

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.7529, 0.3434, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7257, 0.4049, 0.3278 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(182, 112, 113)` looks like.

```
.text, #text, p{  
    color:rgb(182, 112, 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(182, 112, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 112, 113) }
```

Border

The CSS property to change the border of an element to Yxy 22.7257, 0.4049, 0.3278 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(182, 112, 113) }
```

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

```
.border{ border-color:rgb(182, 112, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 112, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 112, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 112, 113);  
box-shadow:4px 4px 4px 4px rgb(182, 112,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7257, 0.4049, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 112, 113) }
```

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

```
.background{ background-color: rgb(182,  
112, 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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