

Converting Colors

$Y_{xy}(22.0932, 0.3780, 0.3184)$

Have a look what the booklet for
Yxy(22.0932, 0.3780, 0.3184)
contains.

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Color

Yxy(22.0730, 0.3790, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	AB7279
RGB	171, 114, 121
RGB Percent	67%, 45%, 47%
CMY	0.3293, 0.5530, 0.5255
CMYK	0.00, 0.33, 0.29, 0.33
HSL	353°, 25%, 56%
HSV	353°, 33%, 67%
XYZ	26.2658, 22.0730, 20.9642
YIQ	131.8410, 31.7250, 14.2610

Conversions

Conversions Part 2

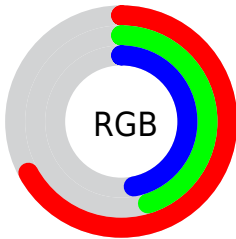
Format	Color
R_{YB}	171, 114, 121
Decimal	11235961
CIE _{Lab}	54.10, 23.50, 5.38
CIE _{LCh}	54, 24.112, 12.898
Yxy	22.0730, 0.3790, 0.3185
Android (android.graphics.Color)	4289426041 (0xFFAB7279)
YUV	131.8410, -5.3446, 34.3424
Hunter-Lab	46.9819, 17.5743, 6.4311

Details

The Yxy color **22.0730, 0.3790, 0.3185** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.3908, 0.2710, 0.3401**, and the grayscale version is **23.0257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7835, 0.3649, 0.3211**, and **8.0435, 0.4046, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **18.2303, 0.4094, 0.3154**, and if you desaturate by 10%, it is **26.6963, 0.3540, 0.3218**.

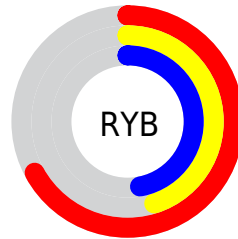
Distribution



Red (67%)

Green (45%)

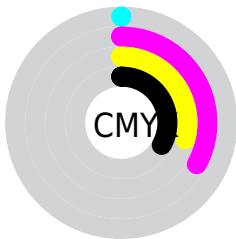
Blue (47%)



Red (67%)

Yellow (45%)

Blue (47%)

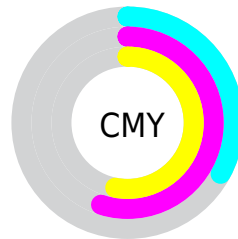


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (33%)



Cyan (33%)


Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0730, 0.3790, 0.3185 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 22.0730, 0.3790, 0.3185 by changing the saturation by 10% instead.


 22.0730, 0.3790,
0.3185


 22.0730, 0.3790,
0.3185


262.9273, 0.3415,
0.3250


 13.9105, 0.3902,
0.3163


 46.8666, 0.3641,
0.3212


 8.0585, 0.4058,
0.3131


 64.2666, 0.3590,
0.3221

 4.1324, 0.4291,
0.3080

 85.5145, 0.3547,
0.3228

 1.7479, 0.4675,
0.2985

 110.9948, 0.3512,
0.3234

 0.4544, 0.6396,
0.2859

141.0918, 0.3482,
0.3239

 0.0000, 0.0000,
0.0000

176.1899, 0.3457,

0.3243

216.6736, 0.3434,
0.3247

■ 22.0730, 0.3790,
0.3185

■ 22.0730, 0.3790,
0.3185

■ 18.2303, 0.4094,
0.3154

■ 26.6963, 0.3540,
0.3218

■ 15.1221, 0.4456,
0.3128

■ 32.1368, 0.3338,
0.3250

■ 12.7025, 0.4868,
0.3113


■ 38.4323, 0.3174,
0.3280


■ 10.9188, 0.5306,
0.3114


■ 45.6176, 0.3042,
0.3308

■ 9.7109, 0.5724,
0.3137


■ 53.7254, 0.2936,
0.3334

 9.0071, 0.6066,
0.3182

 62.7868, 0.2849,
0.3358

 8.7141, 0.6238,
0.3210

 72.8314, 0.2777,
0.3379

 83.8876, 0.2718,
0.3398

 87.4000, 0.2657,
0.3289

Harmonies

Analogous

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



22.0730, 0.3408, 0.2876



22.0730, 0.3790, 0.3185



22.0730, 0.3983, 0.3534

Triad

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



22.0730, 0.3790, 0.3185



22.0730, 0.3239, 0.4030



22.0730, 0.2377, 0.2686

Complementary

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



22.0730, 0.3790, 0.3185



35.3908, 0.2710, 0.3401

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.



22.0730, 0.2341, 0.2951



22.0730, 0.3790, 0.3185



22.0730, 0.2819, 0.3763

Square

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



22.0730, 0.3790, 0.3185



22.0730, 0.3646, 0.4049



22.0730, 0.2496, 0.3349



22.0730, 0.2598, 0.2592

Rectangle

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



22.0730, 0.3790, 0.3185



22.0730, 0.3972, 0.3754



22.0730, 0.2496, 0.3349



22.0730, 0.2344, 0.2756

Sweetspot

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



22.0741, 0.3790, 0.3185



60.9422, 0.3282, 0.3260



22.8051, 0.3078, 0.2458



13.2593, 0.3306, 0.3256



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



22.0741, 0.3790, 0.3185



34.3249, 0.4008, 0.3162



27.1760, 0.3782, 0.3608



8.0308, 0.3268, 0.3262



6.5720, 0.6221, 0.3201



0.1877, 0.5629, 0.2874

Inverse Universe

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



22.0741, 0.3790, 0.3185



34.3249, 0.4008, 0.3162



28.3659, 0.2619, 0.2947



8.0308, 0.3268, 0.3262



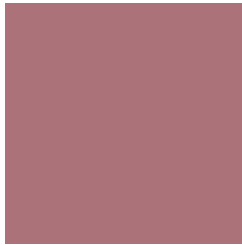
6.5720, 0.6221, 0.3201



0.1877, 0.5629, 0.2874

Previews

White Background



This preview shows how the Yxy color 22.0730, 0.3790, 0.3185 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 22.0730, 0.3790, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

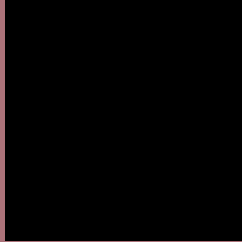
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0730, 0.3790, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 22.0730, 0.3790, 0.3185.



This preview shows how white text looks on a background with the Yxy color 22.0730, 0.3790, 0.3185.

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

22.0730, 0.3790, 0.3185

Protanopia

22.1910, 0.3162, 0.3290

Deuteranopia

22.1101, 0.3456, 0.3393



Tritanopia

22.0977, 0.3776, 0.3170

Trichromacy



Original Color

22.0730, 0.3790, 0.3185

Protanomaly

22.0327, 0.3374, 0.3257

Deuteranomaly

21.9994, 0.3570, 0.3308

Tritanomaly

22.0977, 0.3776, 0.3170

Monochromacy



Original Color

22.0730, 0.3790, 0.3185

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3367, 0.3349, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0730, 0.3790, 0.3185 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(171, 114, 121)` looks like.

```
.text, #text, p{  
    color:rgb(171, 114, 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(171, 114, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 114, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.0730, 0.3790, 0.3185 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(171, 114, 121) }
```

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

```
.border{ border-color:rgb(171, 114, 121) }
```

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

Here you see how a box with a 4 pixel rgb(171, 114, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 114, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 114, 121);  
box-shadow:4px 4px 4px 4px rgb(171, 114,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0730, 0.3790, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 114, 121) }
```

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

```
.background{ background-color: rgb(171,  
114, 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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