

Converting Colors

$Yxy(24.1093, 0.3679, 0.3216)$

Have a look what the booklet for
Yxy(24.1093, 0.3679, 0.3216)
contains.

Yxy(24.1093, 0.3679, 0.3216)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.1093, 0.3679, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	AB7A7F
RGB	171, 122, 127
RGB Percent	67%, 48%, 50%
CMY	0.3295, 0.5215, 0.5020
CMYK	0.00, 0.29, 0.26, 0.33
HSL	354°, 23%, 57%
HSV	354°, 29%, 67%
XYZ	27.5803, 24.1093, 23.2772
YIQ	137.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

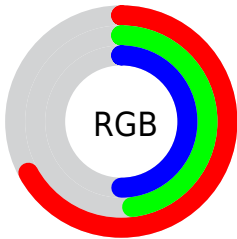
Format	Color
R_{YB}	171, 122, 127
Decimal	11238015
CIE _{Lab}	56.20, 19.83, 4.89
CIE _{LCh}	56, 20.422, 13.854
Yxy	24.1093, 0.3679, 0.3216
Android (android.graphics.Color)	4289428095 (0xFFAB7A7F)
YUV	137.2210, -5.0390, 29.6242
Hunter-Lab	49.1012, 14.3367, 6.2635

Details

The Yxy color $24.1093, 0.3679, 0.3216$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $36.0074, 0.2755, 0.3367$, and the grayscale version is $25.1160, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2861, 0.3553, 0.3234$, and $9.1667, 0.3902, 0.3185$ is the 20% darker color. If you saturate the color by 10%, you get $19.9036, 0.3964, 0.3190$, and if you desaturate by 10%, it is $29.1170, 0.3447, 0.3243$.

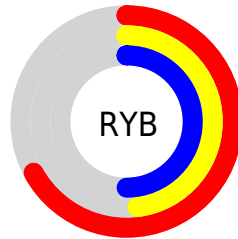
Distribution



Red (67%)

Green (48%)

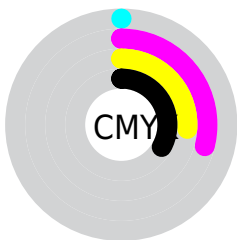
Blue (50%)



Red (67%)

Yellow (48%)

Blue (50%)

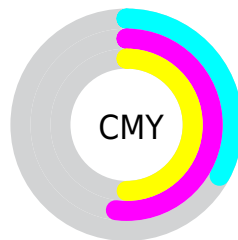


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1093, 0.3679, 0.3216 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 24.1093, 0.3679, 0.3216 by changing the saturation by 10% instead.


 24.1093, 0.3679,
0.3216


 24.1093, 0.3679,
0.3216


273.3726, 0.3371,
0.3261


 15.4147, 0.3769,
0.3201


 50.2085, 0.3558,
0.3235

 9.1110, 0.3893,
0.3179


 68.3819, 0.3516,
0.3241

 4.8136, 0.4077,
0.3145

 90.4837, 0.3481,
0.3246

 2.1383, 0.4373,
0.3082

116.8983, 0.3451,
0.3250

 0.6861, 0.5178,
0.3032

148.0101, 0.3427,
0.3254

 0.0000, 1.0000,
0.0000


184.2035, 0.3406,


 0.0000, 0.0000,


0.3257


0.0000

225.8629, 0.3387,
0.3259

 24.1093, 0.3679,
0.3216


 24.1093, 0.3679,
0.3216

 19.9036, 0.3964,
0.3190


 29.1170, 0.3447,
0.3243


 16.4550, 0.4308,
0.3166


 34.9618, 0.3259,
0.3269


 13.7194, 0.4707,
0.3149


 41.6807, 0.3108,
0.3293

 11.6470, 0.5146,
0.3145


 49.3076, 0.2986,
0.3316


 10.1811, 0.5586,
0.3157


 57.8745, 0.2888,
0.3336

 9.2559, 0.5968,
0.3188


 67.4121, 0.2807,
0.3354

 8.7543, 0.6244,
0.3227

 77.9493, 0.2741,
0.3371

 8.6966, 0.6274,
0.3230

 87.0684, 0.2681,
0.3345

 87.3949, 0.2657,
0.3289

Harmonies

Analogous

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



24.1093, 0.3372, 0.2953



24.1093, 0.3679, 0.3216



24.1093, 0.3831, 0.3509

Triad

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



24.1093, 0.3679, 0.3216



24.1093, 0.3213, 0.3887



24.1093, 0.2506, 0.2787

Complementary

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



24.1093, 0.3679, 0.3216



36.0074, 0.2755, 0.3367

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.



24.1093, 0.2471, 0.3007



24.1093, 0.3679, 0.3216



24.1093, 0.2866, 0.3665

Square

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



24.1093, 0.3679, 0.3216



24.1093, 0.3550, 0.3916



24.1093, 0.2598, 0.3331



24.1093, 0.2697, 0.2708

Rectangle

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



24.1093, 0.3679, 0.3216



24.1093, 0.3820, 0.3689



24.1093, 0.2598, 0.3331



24.1093, 0.2476, 0.2845

Sweetspot

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



24.1104, 0.3679, 0.3216



62.0479, 0.3268, 0.3268



24.8900, 0.3096, 0.2579



13.4868, 0.3293, 0.3264



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.



24.1104, 0.3679, 0.3216



38.5299, 0.3842, 0.3200



29.0465, 0.3665, 0.3573



8.0281, 0.3271, 0.3267



6.5622, 0.6259, 0.3222



0.1867, 0.5743, 0.2938

Inverse Universe

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



24.1104, 0.3679, 0.3216



38.5299, 0.3842, 0.3200



29.6017, 0.2689, 0.2988



8.0281, 0.3271, 0.3267



6.5622, 0.6259, 0.3222



0.1867, 0.5743, 0.2938

Previews

White Background



This preview shows how the Yxy color 24.1093, 0.3679, 0.3216 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 24.1093, 0.3679, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

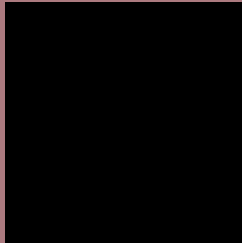
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.1093, 0.3679, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 24.1093, 0.3679, 0.3216.



This preview shows how white text looks on a background with the Yxy color 24.1093, 0.3679, 0.3216.

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

24.1093, 0.3679, 0.3216

Protanopia

24.1747, 0.3172, 0.3290

Deuteranopia

24.1213, 0.3445, 0.3373



Tritanopia

23.9714, 0.3632, 0.3140

Trichromacy



Original Color

24.1093, 0.3679, 0.3216

Protanomaly

24.0880, 0.3352, 0.3274

Deuteranomaly

24.0560, 0.3527, 0.3307

Tritanomaly

23.9444, 0.3645, 0.3155

Monochromacy



Original Color

24.1093, 0.3679, 0.3216

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5855, 0.3313, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1093, 0.3679, 0.3216 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, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 127)  
}
```

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, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 127) }
```

Border

The CSS property to change the border of an element to Yxy 24.1093, 0.3679, 0.3216 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, 122, 127) }
```

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

```
.border{ border-color:rgb(171, 122, 127) }
```

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

Here you see how a box with a 4 pixel rgb(171, 122, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1093, 0.3679, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 127) }
```

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

```
.background{ background-color: rgb(171,  
122, 127) }
```

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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