

Converting Colors

$Yxy(44.7177, 0.2999, 0.3372)$

Have a look what the booklet for
Yxy(44.7177, 0.2999, 0.3372)
contains.

Yxy(44.7227, 0.2999, 0.3372)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.7227, 0.2999, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	A2B7B1
RGB	162, 183, 177
RGB Percent	64%, 72%, 69%
CMY	0.3645, 0.2824, 0.3059
CMYK	0.11, 0.00, 0.03, 0.28
HSL	163°, 13%, 68%
HSV	163°, 11%, 72%
XYZ	39.7756, 44.7227, 48.1313
YIQ	176.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

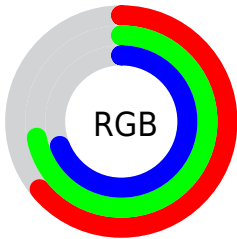
Format	Color
R _Y B	162, 174, 183
Decimal	10663857
CIE Lab	72.71, -8.37, 0.59
CIE LCh	73, 8.395, 175.950
Yxy	44.7227, 0.2999, 0.3372
Android (android.graphics.Color)	4288853937 (0xFFA2B7B1)
YUV	176.0370, 0.4748, -12.3104
Hunter-Lab	66.8750, -10.8639, 4.1403

Details

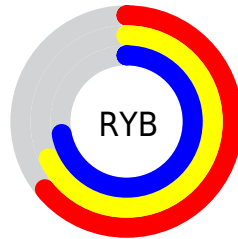
The Yxy color $44.7227, 0.2999, 0.3372$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $38.7500, 0.3274, 0.3210$, and the grayscale version is $43.4422, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3679, 0.3020, 0.3353$, and $20.7355, 0.2964, 0.3404$ is the 20% darker color. If you saturate the color by 10%, you get $42.7402, 0.2892, 0.3452$, and if you desaturate by 10%, it is $46.9958, 0.3111, 0.3300$.

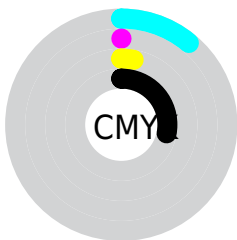
Distribution



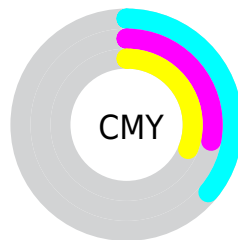
- Red (64%)
- Green (72%)
- Blue (69%)



- Red (64%)
- Yellow (68%)
- Blue (72%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7227, 0.2999, 0.3372 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 44.7227, 0.2999, 0.3372 by changing the saturation by 10% instead.


 44.7227, 0.2999,
0.3372


 44.7227, 0.2999,
0.3372


365.6493, 0.3064,
0.3331

 31.2391, 0.2983,
0.3382

 82.3041, 0.3023,
0.3357

 20.7810, 0.2962,
0.3396


 107.1707, 0.3031,
0.3351

 12.9640, 0.2933,
0.3414


136.6004, 0.3039,
0.3346

 7.4037, 0.2894,
0.3440

170.9776, 0.3045,
0.3342

 3.7159, 0.2833,
0.3479

210.6867, 0.3051,
0.3339

 1.5159, 0.2731,
0.3546

256.1121, 0.3056,

 0.2999, 0.1211,

0.3336

0.4506

307.6382, 0.3060,
0.3333

0.0000, 0.0000,
0.0000

44.7227, 0.2999,
0.3372

44.7227, 0.2999,
0.3372

42.7402, 0.2892,
0.3452

46.9958, 0.3111,
0.3300

41.0307, 0.2793,
0.3538

49.5653, 0.3225,
0.3235

39.5831, 0.2704,
0.3631

52.4438, 0.3339,
0.3177

38.3833, 0.2628,
0.3730

55.6415, 0.3453,
0.3126

37.4160, 0.2569,
0.3834

59.1681, 0.3564,
0.3081

■ 36.6641, 0.2527,
0.3940

■ 59.6983, 0.3532,
0.3029

■ 36.1080, 0.2506,
0.4048

■ 59.9609, 0.3488,
0.2976

■ 35.7247, 0.2503,
0.4155

■ 60.2320, 0.3444,
0.2924

■ 35.4941, 0.2513,
0.4246

■ 60.5118, 0.3401,
0.2873

Harmonies

Analogous

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



44.7227, 0.3111, 0.3459



44.7227, 0.2999, 0.3372



44.7227, 0.2922, 0.3263

Triad

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



44.7227, 0.2999, 0.3372



44.7227, 0.3022, 0.3090



44.7227, 0.3362, 0.3410

Complementary

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



44.7227, 0.2999, 0.3372



38.7500, 0.3274, 0.3210

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.



44.7227, 0.3337, 0.3311



44.7227, 0.2999, 0.3372



44.7227, 0.3140, 0.3129

Square

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



44.7227, 0.2999, 0.3372



44.7227, 0.2935, 0.3102



44.7227, 0.3255, 0.3209



44.7227, 0.3322, 0.3479

Rectangle

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



44.7227, 0.2999, 0.3372



44.7227, 0.2899, 0.3194



44.7227, 0.3255, 0.3209



44.7227, 0.3361, 0.3379

Sweetspot

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



44.7246, 0.2999, 0.3372



83.4890, 0.3093, 0.3311



44.8354, 0.3167, 0.3579



18.3649, 0.3084, 0.3317



93.3107, 0.3127, 0.3290



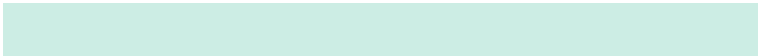
18.7317, 0.3127, 0.3290

Same Dimension

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



44.7246, 0.2999, 0.3372



79.0678, 0.2969, 0.3393



43.2658, 0.2953, 0.3232



10.1657, 0.3022, 0.3356



24.7754, 0.2509, 0.4233



0.8835, 0.2433, 0.3959

Inverse Universe

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



38.7500, 0.3274, 0.3210



66.0185, 0.3315, 0.3189



40.0334, 0.3322, 0.3347



9.0533, 0.3244, 0.3225



7.2086, 0.5779, 0.2957



0.2652, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 44.7227, 0.2999, 0.3372 looks on a white background.

Color Contrast Check

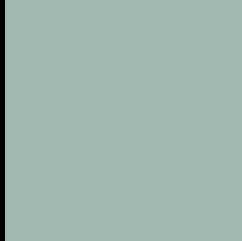
Large Text (above 18pt) WCAG AA × Fail

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 44.7227, 0.2999, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

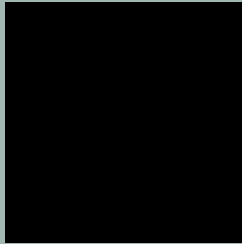
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

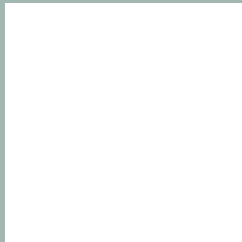
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7227, 0.2999, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 44.7227, 0.2999, 0.3372.



This preview shows how white text looks on a background with the Yxy color 44.7227, 0.2999, 0.3372.

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

44.7227, 0.2999, 0.3372

Protanopia

44.4454, 0.3196, 0.3330

Deuteranopia

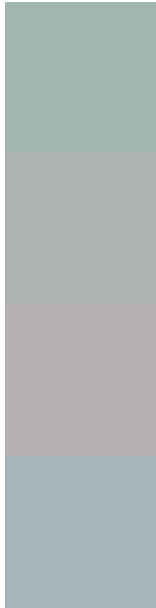
44.3618, 0.3276, 0.3201



Tritanopia

44.5820, 0.2889, 0.3089

Trichromacy



Original Color

44.7227, 0.2999, 0.3372

Protanomaly

44.4493, 0.3125, 0.3344

Deuteranomaly

44.3323, 0.3172, 0.3264

Tritanomaly

44.5711, 0.2933, 0.3195

Monochromacy



Original Color

44.7227, 0.2999, 0.3372

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0327, 0.3082, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7227, 0.2999, 0.3372 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(162, 183, 177)` looks like.

```
.text, #text, p{  
    color:rgb(162, 183, 177)  
}
```

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(162, 183, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 183, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.7227, 0.2999, 0.3372 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(162, 183, 177) }
```

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

```
.border{ border-color:rgb(162, 183, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 183, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 183, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 183, 177);  
box-shadow:4px 4px 4px 4px rgb(162, 183,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7227, 0.2999, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 183, 177) }
```

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

```
.background{ background-color: rgb(162,  
183, 177) }
```

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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