

Converting Colors

$Yxy(60.3475, 0.2672, 0.3226)$

Have a look what the booklet for
Yxy(60.3475, 0.2672, 0.3226)
contains.

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Color

Yxy(60.3475, 0.2672, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	97D7DC
RGB	151, 215, 220
RGB Percent	59%, 84%, 86%
CMY	0.4078, 0.1569, 0.1372
CMYK	0.31, 0.02, 0.00, 0.14
HSL	184°, 50%, 73%
HSV	184°, 31%, 86%
XYZ	49.9840, 60.3475, 76.7345
YIQ	196.4340, -39.7490, -12.0130

Conversions

Conversions Part 2

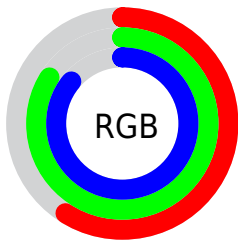
Format	Color
RYB	151, 184, 220
Decimal	9951196
CIELab	82.03, -18.94, -8.97
CIELCh	82, 20.961, 205.335
Yxy	60.3475, 0.2672, 0.3226
Android (android.graphics.Color)	4288141276 (0xFF97D7DC)
YUV	196.4340, 11.6180, -39.8456
Hunter-Lab	77.6837, -21.0940, -4.1870

Details

The Yxy color **60.3475, 0.2672, 0.3226** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.2393, 0.3821, 0.3353**, and the grayscale version is **55.4259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0054, 0.2844, 0.3289**, and **30.3996, 0.2560, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **57.6268, 0.2549, 0.3203**, and if you desaturate by 10%, it is **63.4737, 0.2808, 0.3248**.

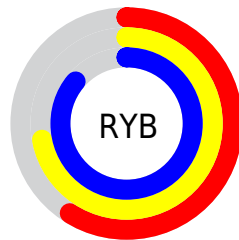
Distribution



Red (59%)

Green (84%)

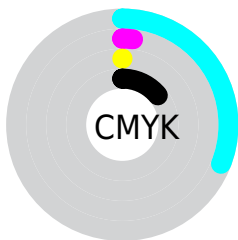
Blue (86%)



Red (59%)

Yellow (72%)

Blue (86%)

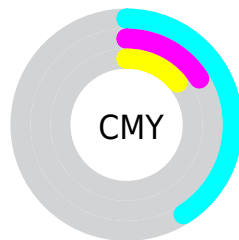


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (41%)


Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3475, 0.2672, 0.3226 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 60.3475, 0.2672, 0.3226 by changing the saturation by 10% instead.


 60.3475, 0.2672,
0.3226


 60.3475, 0.2672,
0.3226


425.8775, 0.2887,
0.3260

 43.6988, 0.2622,
0.3217


 105.3336, 0.2747,
0.3239

 30.4338, 0.2560,
0.3205


 134.4398, 0.2776,
0.3244

 20.1681, 0.2480,
0.3189


168.4672, 0.2801,
0.3248

 12.5173, 0.2375,
0.3165

207.8003, 0.2823,
0.3251

 7.0970, 0.2231,
0.3130

252.8235, 0.2842,
0.3254

 3.5228, 0.2019,
0.3070

303.9212, 0.2858,

 1.4104, 0.1682,

0.3256

0.2955

361.4777, 0.2873,
0.3259

0.2244, 0.0000,
0.2048

0.0000, 0.0000,
0.0000

60.3475, 0.2672,
0.3226

60.3475, 0.2672,
0.3226

57.6268, 0.2549,
0.3203

63.4737, 0.2808,
0.3248

55.2826, 0.2443,
0.3179

67.0186, 0.2953,
0.3269

53.2933, 0.2353,
0.3154

71.0033, 0.3106,
0.3288

51.6318, 0.2283,
0.3129

75.4454, 0.3263,
0.3305

■ 50.2674, 0.2232,
0.3104

■ 79.2020, 0.3377,
0.3321

■ 49.1633, 0.2200,
0.3080

■ 80.0607, 0.3375,
0.3337

■ 48.3652, 0.2183,
0.3059

■ 80.9274, 0.3373,
0.3353

■ 81.8023, 0.3370,
0.3368

■ 82.6853, 0.3368,
0.3384

Harmonies

Analogous

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



60.3475, 0.2842, 0.3481



60.3475, 0.2672, 0.3226



60.3475, 0.2620, 0.3004

Triad

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



60.3475, 0.2672, 0.3226



60.3475, 0.3145, 0.2935



60.3475, 0.3570, 0.3711

Complementary

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



60.3475, 0.2672, 0.3226



41.2393, 0.3821, 0.3353

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.



60.3475, 0.3662, 0.3544



60.3475, 0.2672, 0.3226



60.3475, 0.3411, 0.3105

Square

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



60.3475, 0.2672, 0.3226



60.3475, 0.2884, 0.2849



60.3475, 0.3603, 0.3324



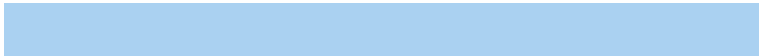
60.3475, 0.3359, 0.3769

Rectangle

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



60.3475, 0.2672, 0.3226



60.3475, 0.2657, 0.2903



60.3475, 0.3603, 0.3324



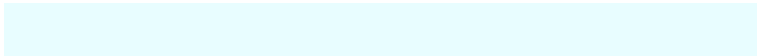
60.3475, 0.3616, 0.3665

Sweetspot

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



60.3499, 0.2672, 0.3226



94.8444, 0.2988, 0.3273



60.1628, 0.3056, 0.4148



20.1326, 0.2966, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



60.3499, 0.2672, 0.3226



81.6072, 0.2585, 0.3210



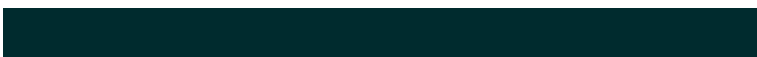
44.7614, 0.2619, 0.2779



14.6591, 0.2982, 0.3272



28.4510, 0.2184, 0.3062



1.8927, 0.2195, 0.3102

Inverse Universe

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



42.2617, 0.3208, 0.2565



52.5225, 0.3228, 0.2408



54.3296, 0.3697, 0.3751



13.2577, 0.3149, 0.3076



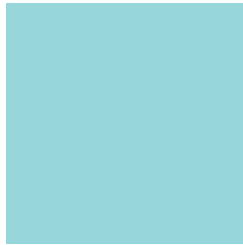
11.4959, 0.3400, 0.1646



0.7498, 0.3365, 0.1627

Previews

White Background



This preview shows how the Yxy color 60.3475, 0.2672, 0.3226 looks on a white background.

Color Contrast Check

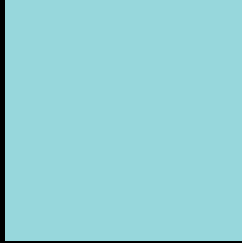
Large Text (above 18pt) WCAG AA × Fail

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 60.3475, 0.2672, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

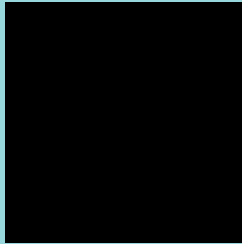
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

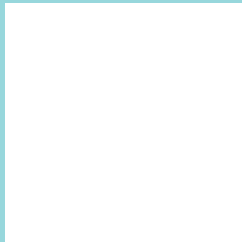
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3475, 0.2672, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 60.3475, 0.2672, 0.3226.



This preview shows how white text looks on a background with the Yxy color 60.3475, 0.2672, 0.3226.

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

60.3475, 0.2672, 0.3226

Protanopia

59.8319, 0.3072, 0.3174

Deuteranopia

60.0661, 0.3064, 0.2998



Tritanopia

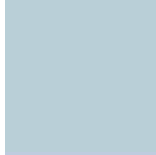
60.0740, 0.2626, 0.3080

Trichromacy



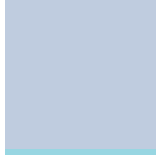
Original Color

60.3475, 0.2672, 0.3226



Protanomaly

59.8462, 0.2913, 0.3194



Deuteranomaly

59.5898, 0.2902, 0.3066



Tritanomaly

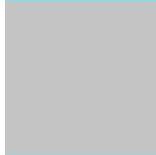
60.2595, 0.2643, 0.3140

Monochromacy



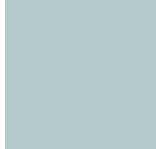
Original Color

60.3475, 0.2672, 0.3226



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

56.8229, 0.2942, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3475, 0.2672, 0.3226 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(151, 215, 220)` looks like.

```
.text, #text, p{  
    color:rgb(151, 215, 220)  
}
```

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(151, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 215, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.3475, 0.2672, 0.3226 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(151, 215, 220) }
```

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

```
.border{ border-color:rgb(151, 215, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 215, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(151, 215,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3475, 0.2672, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 215, 220) }
```

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

```
.background{ background-color: rgb(151,  
215, 220) }
```

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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