

Converting Colors

$Y_{xy}(42.9558, 0.2962, 0.3461)$

Have a look what the booklet for
Yxy(42.9558, 0.2962, 0.3461)
contains.

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Color

Yxy(42.9375, 0.2962, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	97B6AA
RGB	151, 182, 170
RGB Percent	59%, 71%, 67%
CMY	0.4078, 0.2863, 0.3334
CMYK	0.17, 0.00, 0.07, 0.29
HSL	157°, 18%, 65%
HSV	157°, 17%, 71%
XYZ	36.7469, 42.9375, 44.3766
YIQ	171.3630, -14.6240, -10.3040

Conversions

Conversions Part 2

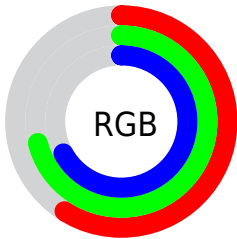
Format	Color
RYB	151, 170, 182
Decimal	9942698
CIELab	71.51, -12.96, 2.60
CIElCh	72, 13.219, 168.659
Yxy	42.9375, 0.2962, 0.3461
Android (android.graphics.Color)	4288132778 (0xFF97B6AA)
YUV	171.3630, -0.6720, -17.8584
Hunter-Lab	65.5267, -14.5704, 5.7158

Details

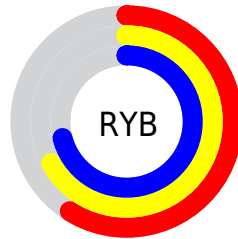
The Yxy color $42.9375, 0.2962, 0.3461$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $34.7275, 0.3327, 0.3125$, and the grayscale version is $40.9272, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7071, 0.2997, 0.3432$, and $19.7178, 0.2915, 0.3510$ is the 20% darker color. If you saturate the color by 10%, you get $41.0702, 0.2871, 0.3576$, and if you desaturate by 10%, it is $45.0915, 0.3058, 0.3357$.

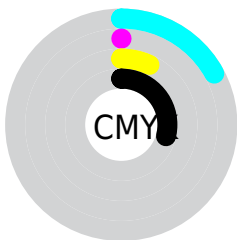
Distribution



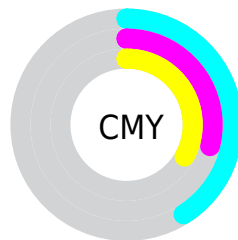
- Red (59%)
- Green (71%)
- Blue (67%)



- Red (59%)
- Yellow (67%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (29%)





- Cyan (41%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9375, 0.2962, 0.3461 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 42.9375, 0.2962, 0.3461 by changing the saturation by 10% instead.


 42.9375, 0.2962,
0.3461


 42.9375, 0.2962,
0.3461


358.3547, 0.3046,
0.3373

 29.8361, 0.2940,
0.3484


 79.6165, 0.2993,
0.3429

 19.7142, 0.2912,
0.3513


 103.9629, 0.3004,
0.3417

 12.1875, 0.2875,
0.3553


132.8265, 0.3014,
0.3407

 6.8715, 0.2821,
0.3611

166.5915, 0.3022,
0.3398

 3.3819, 0.2737,
0.3700

205.6425, 0.3030,
0.3391

 1.3342, 0.2592,
0.3859

250.3637, 0.3036,

 0.1674, 0.0000,

0.3384

0.9966

301.1396, 0.3041,
0.3379

0.0000, 0.0000,
0.0000

42.9375, 0.2962,
0.3461

42.9375, 0.2962,
0.3461

41.0702, 0.2871,
0.3576

45.0915, 0.3058,
0.3357

39.4718, 0.2788,
0.3701

47.5386, 0.3157,
0.3263

38.1306, 0.2716,
0.3835

50.2916, 0.3256,
0.3180

37.0318, 0.2658,
0.3976

53.3610, 0.3354,
0.3106

36.1594, 0.2617,
0.4123

56.7567, 0.3451,
0.3041

■ 35.4950, 0.2594,
0.4273

■ 59.4862, 0.3500,
0.2979

■ 35.0175, 0.2592,
0.4422

■ 59.8507, 0.3441,
0.2909

■ 34.6968, 0.2608,
0.4568

■ 60.2309, 0.3383,
0.2840

■ 34.6149, 0.2614,
0.4612

■ 60.6272, 0.3326,
0.2772

Harmonies

Analogous

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



42.9375, 0.3147, 0.3587



42.9375, 0.2962, 0.3461



42.9375, 0.2824, 0.3287

Triad

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



42.9375, 0.2962, 0.3461



42.9375, 0.2920, 0.2971



42.9375, 0.3503, 0.3441

Complementary

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



42.9375, 0.2962, 0.3461



34.7275, 0.3327, 0.3125

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.



42.9375, 0.3439, 0.3281



42.9375, 0.2962, 0.3461



42.9375, 0.3098, 0.3015

Square

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



42.9375, 0.2962, 0.3461



42.9375, 0.2800, 0.3007



42.9375, 0.3289, 0.3127



42.9375, 0.3463, 0.3569

Rectangle

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



42.9375, 0.2962, 0.3461



42.9375, 0.2774, 0.3172



42.9375, 0.3289, 0.3127



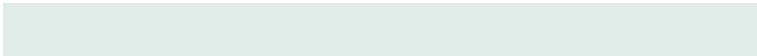
42.9375, 0.3493, 0.3389

Sweetspot

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



42.9393, 0.2962, 0.3461



82.5676, 0.3077, 0.3338



43.5213, 0.3213, 0.3728



18.1709, 0.3070, 0.3345



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.



42.9393, 0.2962, 0.3461



76.6687, 0.2931, 0.3498



42.1594, 0.2872, 0.3246



10.1501, 0.3035, 0.3380



24.4573, 0.2610, 0.4595



0.8739, 0.2505, 0.4218

Inverse Universe

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



34.7275, 0.3327, 0.3125



59.2951, 0.3375, 0.3092



35.3279, 0.3440, 0.3334



9.0683, 0.3229, 0.3202



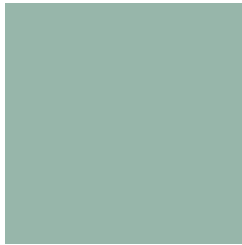
7.3524, 0.5396, 0.2746



0.2714, 0.4703, 0.2365

Previews

White Background



This preview shows how the Yxy color 42.9375, 0.2962, 0.3461 looks on a white background.

Color Contrast Check

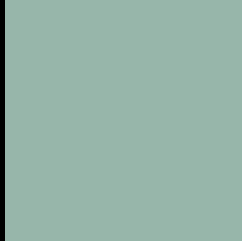
Large Text (above 18pt) WCAG AA × Fail

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 42.9375, 0.2962, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

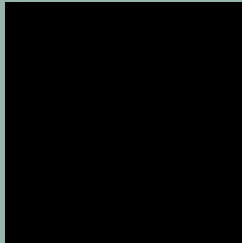
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9375, 0.2962, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 42.9375, 0.2962, 0.3461.



This preview shows how white text looks on a background with the Yxy color 42.9375, 0.2962, 0.3461.

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

42.9375, 0.2962, 0.3461

Protanopia

42.7286, 0.3248, 0.3398

Deuteranopia

42.5995, 0.3305, 0.3239



Tritanopia

43.0590, 0.2824, 0.3097

Trichromacy



Original Color

42.9375, 0.2962, 0.3461

Protanomaly

42.6693, 0.3138, 0.3428

Deuteranomaly

42.5978, 0.3170, 0.3317

Tritanomaly

43.0153, 0.2875, 0.3220

Monochromacy



Original Color

42.9375, 0.2962, 0.3461

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.4927, 0.3063, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9375, 0.2962, 0.3461 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, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(151, 182, 170)  
}
```

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, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 182, 170) }
```

Border

The CSS property to change the border of an element to Yxy 42.9375, 0.2962, 0.3461 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, 182, 170) }
```

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

```
.border{ border-color:rgb(151, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(151, 182,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9375, 0.2962, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 182, 170) }
```

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

```
.background{ background-color: rgb(151,  
182, 170) }
```

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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