

Converting Colors

$Yxy(42.4296, 0.2781, 0.3466)$

Have a look what the booklet for
Yxy(42.4296, 0.2781, 0.3466)
contains.

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Color

Yxy(42.4609, 0.2784, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	82B9AD
RGB	130, 185, 173
RGB Percent	51%, 73%, 68%
CMY	0.4899, 0.2745, 0.3215
CMYK	0.30, 0.00, 0.06, 0.27
HSL	167°, 28%, 62%
HSV	167°, 30%, 73%
XYZ	34.1059, 42.4609, 45.9401
YIQ	167.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

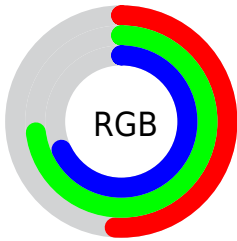
Format	Color
RYB	130, 161, 185
Decimal	8567213
CIELab	71.19, -20.50, 0.32
CIELCh	71, 20.506, 179.112
Yxy	42.4609, 0.2784, 0.3466
Android (android.graphics.Color)	4286757293 (0xFF82B9AD)
YUV	167.1870, 2.8658, -32.6130
Hunter-Lab	65.1620, -20.6063, 3.8132

Details

The Yxy color **42.4609, 0.2784, 0.3466** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.2499, 0.3635, 0.3123**, and the grayscale version is **38.7432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7024, 0.2847, 0.3436**, and **19.5027, 0.2679, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **40.9742, 0.2686, 0.3535**, and if you desaturate by 10%, it is **44.2188, 0.2893, 0.3402**.

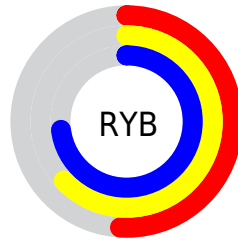
Distribution



Red (51%)

Green (73%)

Blue (68%)



Red (51%)

Yellow (63%)

Blue (73%)

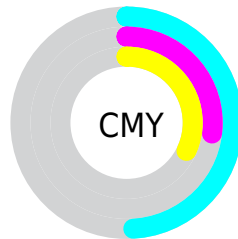


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (27%)



Cyan (49%)

Magenta (27%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4609, 0.2784, 0.3466 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 42.4609, 0.2784, 0.3466 by changing the saturation by 10% instead.

■ 42.4609, 0.2784,
0.3466

■ 42.4609, 0.2784,
0.3466

■ 356.3900, 0.2958,
0.3377

■ 29.4624, 0.2740,
0.3489

■ 78.8967, 0.2848,
0.3433

■ 19.4309, 0.2683,
0.3518

■ 103.1028, 0.2872,
0.3421

■ 11.9820, 0.2606,
0.3558

■ 131.8134, 0.2892,
0.3411

■ 6.7314, 0.2497,
0.3614

■ 165.4131, 0.2909,
0.3402

■ 3.2947, 0.2332,
0.3699

■ 204.2862, 0.2923,
0.3394

■ 1.2875, 0.2027,
0.3857

■ 248.8172, 0.2936,

■ 0.1315, 0.0000,

0.3388

0.5209

299.3903, 0.2948,
0.3382

0.0000, 0.0000,
0.0000

42.4609, 0.2784,
0.3466

42.4609, 0.2784,
0.3466

40.9742, 0.2686,
0.3535

44.2188, 0.2893,
0.3402

39.7393, 0.2602,
0.3609

46.2559, 0.3009,
0.3342

38.7426, 0.2534,
0.3685

48.5860, 0.3131,
0.3288

37.9669, 0.2484,
0.3764

51.2206, 0.3256,
0.3240

37.3927, 0.2453,
0.3843

54.1706, 0.3381,
0.3197

■ 36.9971, 0.2442,
0.3923

■ 57.4463, 0.3505,
0.3159

■ 36.7352, 0.2446,
0.4002

■ 60.1827, 0.3588,
0.3123

■ 36.7277, 0.2446,
0.4005

■ 60.3754, 0.3554,
0.3081

■ 60.5731, 0.3520,
0.3040

Harmonies

Analogous

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



42.4609, 0.3050, 0.3705



42.4609, 0.2784, 0.3466



42.4609, 0.2613, 0.3183

Triad

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



42.4609, 0.2784, 0.3466



42.4609, 0.2893, 0.2813



42.4609, 0.3712, 0.3594

Complementary

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



42.4609, 0.2784, 0.3466



28.2499, 0.3635, 0.3123

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.



42.4609, 0.3669, 0.3357



42.4609, 0.2784, 0.3466



42.4609, 0.3184, 0.2920

Square

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



42.4609, 0.2784, 0.3466



42.4609, 0.2674, 0.2820



42.4609, 0.3472, 0.3115



42.4609, 0.3590, 0.3768

Rectangle

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



42.4609, 0.2784, 0.3466



42.4609, 0.2572, 0.3018



42.4609, 0.3472, 0.3115



42.4609, 0.3716, 0.3519

Sweetspot

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



42.4626, 0.2784, 0.3466



83.0666, 0.3016, 0.3339



42.1364, 0.3193, 0.4116



17.7858, 0.2998, 0.3347



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.



42.4626, 0.2784, 0.3466



74.1701, 0.2715, 0.3513



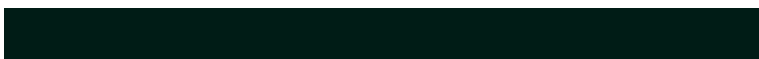
37.1319, 0.2681, 0.3071



10.1762, 0.3013, 0.3340



25.0223, 0.2443, 0.3994



0.8906, 0.2386, 0.3791

Inverse Universe

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



28.2499, 0.3635, 0.3123



44.3762, 0.3804, 0.3083



32.0894, 0.3719, 0.3498



9.0434, 0.3254, 0.3240



7.1381, 0.5996, 0.3077



0.2610, 0.5277, 0.2680

Previews

White Background



This preview shows how the Yxy color 42.4609, 0.2784, 0.3466 looks on a white background.

Color Contrast Check

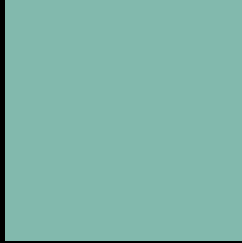
Large Text (above 18pt) WCAG AA × Fail

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 42.4609, 0.2784, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

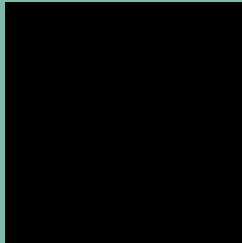
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4609, 0.2784, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 42.4609, 0.2784, 0.3466.



This preview shows how white text looks on a background with the Yxy color 42.4609, 0.2784, 0.3466.

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

42.4609, 0.2784, 0.3466

Protanopia

42.1053, 0.3231, 0.3385

Deuteranopia

41.9984, 0.3243, 0.3173



Tritanopia

42.5923, 0.2662, 0.3091

Trichromacy



Original Color

42.4609, 0.2784, 0.3466

Protanomaly

41.8859, 0.3053, 0.3402

Deuteranomaly

41.7315, 0.3058, 0.3262

Tritanomaly

42.4844, 0.2702, 0.3217

Monochromacy



Original Color

42.4609, 0.2784, 0.3466

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0067, 0.2993, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4609, 0.2784, 0.3466 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(130, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 173)  
}
```

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(130, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 173) }
```

Border

The CSS property to change the border of an element to Yxy 42.4609, 0.2784, 0.3466 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(130, 185, 173) }
```

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

```
.border{ border-color:rgb(130, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4609, 0.2784, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 173) }
```

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

```
.background{ background-color: rgb(130,  
185, 173) }
```

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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