

Converting Colors

$Y_{xy}(47.8004, 0.2779, 0.3379)$

Have a look what the booklet for
Yxy(47.8004, 0.2779, 0.3379)
contains.

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Color

Yxy(47.8341, 0.2778, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	8DC2BB
RGB	141, 194, 187
RGB Percent	55%, 76%, 73%
CMY	0.4471, 0.2392, 0.2666
CMYK	0.27, 0.00, 0.04, 0.24
HSL	172°, 30%, 66%
HSV	172°, 27%, 76%
XYZ	39.2449, 47.8341, 54.1913
YIQ	177.3550, -29.3410, -13.4130

Conversions

Conversions Part 2

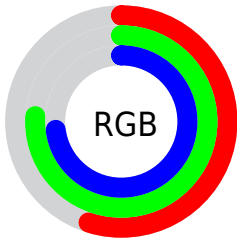
Format	Color
RYB	141, 169, 194
Decimal	9290427
CIELab	74.72, -18.71, -2.08
CIELCh	75, 18.829, 186.350
Yxy	47.8341, 0.2778, 0.3386
Android (android.graphics.Color)	4287480507 (0xFF8DC2BB)
YUV	177.3550, 4.7550, -31.8833
Hunter-Lab	69.1622, -19.7472, 1.9575

Details

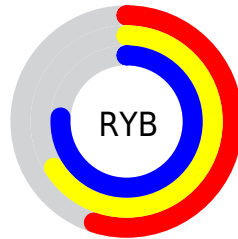
The Yxy color $47.8341, 0.2778, 0.3386$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $32.6503, 0.3635, 0.3198$, and the grayscale version is $44.1481, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2012, 0.2842, 0.3375$, and $22.6012, 0.2682, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $46.1736, 0.2669, 0.3426$, and if you desaturate by 10%, it is $49.7983, 0.2899, 0.3348$.

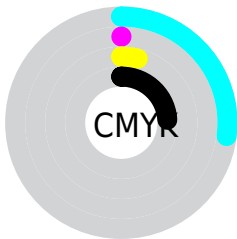
Distribution



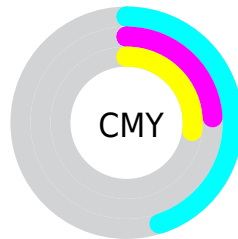
- Red (55%)
- Green (76%)
- Blue (73%)



- Red (55%)
- Yellow (66%)
- Blue (76%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.8341, 0.2778, 0.3386 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 47.8341, 0.2778, 0.3386 by changing the saturation by 10% instead.

■ 47.8341, 0.2778,
0.3386

■ 47.8341, 0.2778,
0.3386

378.1342, 0.2951,
0.3340

■ 33.6955, 0.2735,
0.3397

■ 86.9573, 0.2840,
0.3369

■ 22.6598, 0.2681,
0.3411

■ 112.7108, 0.2864,
0.3363

■ 14.3425, 0.2609,
0.3429

■ 143.1047, 0.2884,
0.3358

■ 8.3593, 0.2510,
0.3454

178.5234, 0.2901,
0.3353

■ 4.3257, 0.2364,
0.3489

219.3513, 0.2916,
0.3349

■ 1.8574, 0.2131,
0.3541

265.9728, 0.2929,

■ 0.5226, 0.0312,

0.3346

0.4092

318.7723, 0.2941,
0.3342

0.0000, 0.0000,
0.0000

47.8341, 0.2778,
0.3386

47.8341, 0.2778,
0.3386

46.1736, 0.2669,
0.3426

49.7983, 0.2899,
0.3348

44.7954, 0.2573,
0.3469

52.0748, 0.3028,
0.3314

43.6845, 0.2494,
0.3513

54.6791, 0.3164,
0.3282

42.8222, 0.2434,
0.3559

57.6237, 0.3302,
0.3253

42.1871, 0.2392,
0.3605

60.9208, 0.3441,
0.3228

■ 41.7546, 0.2370,
0.3651

■ 64.1272, 0.3560,
0.3205

■ 41.4897, 0.2364,
0.3697

■ 64.2495, 0.3540,
0.3179

■ 41.4308, 0.2364,
0.3709

■ 64.3738, 0.3519,
0.3153

■ 64.5001, 0.3498,
0.3127

Harmonies

Analogous

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



47.8341, 0.2998, 0.3612



47.8341, 0.2778, 0.3386



47.8341, 0.2652, 0.3142

Triad

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



47.8341, 0.2778, 0.3386



47.8341, 0.2979, 0.2881



47.8341, 0.3629, 0.3606

Complementary

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



47.8341, 0.2778, 0.3386



32.6503, 0.3635, 0.3198

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.



47.8341, 0.3627, 0.3404



47.8341, 0.2778, 0.3386



47.8341, 0.3243, 0.2997

Square

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



47.8341, 0.2778, 0.3386



47.8341, 0.2764, 0.2862



47.8341, 0.3483, 0.3185



47.8341, 0.3492, 0.3734

Rectangle

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



47.8341, 0.2778, 0.3386



47.8341, 0.2635, 0.3006



47.8341, 0.3483, 0.3185



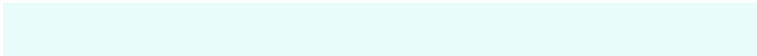
47.8341, 0.3645, 0.3544

Sweetspot

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



47.8360, 0.2778, 0.3386



93.9912, 0.3018, 0.3316



46.8092, 0.3146, 0.4055



20.4379, 0.2998, 0.3321



0.0000, 0.0000, 0.0000



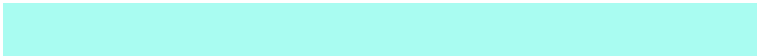
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8360, 0.2778, 0.3386



84.7342, 0.2709, 0.3411



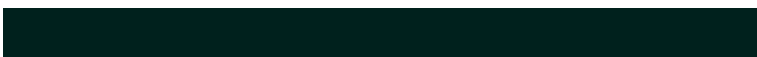
40.0461, 0.2706, 0.3014



11.4049, 0.3001, 0.3320



27.2463, 0.2362, 0.3703



1.1837, 0.2334, 0.3601

Inverse Universe

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



32.6503, 0.3635, 0.3198



52.5079, 0.3796, 0.3176



38.6807, 0.3644, 0.3550



10.0990, 0.3269, 0.3260



7.5955, 0.6213, 0.3196



0.3354, 0.5720, 0.2924

Previews

White Background



This preview shows how the Yxy color 47.8341, 0.2778, 0.3386 looks on a white background.

Color Contrast Check

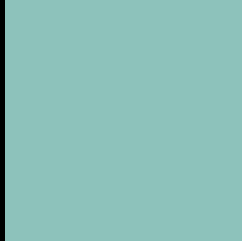
Large Text (above 18pt) WCAG AA × Fail

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 47.8341, 0.2778, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

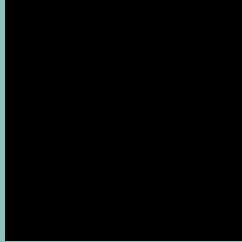
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

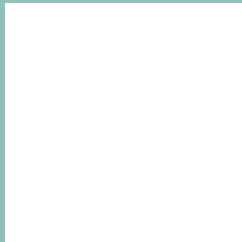
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8341, 0.2778, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 47.8341, 0.2778, 0.3386.

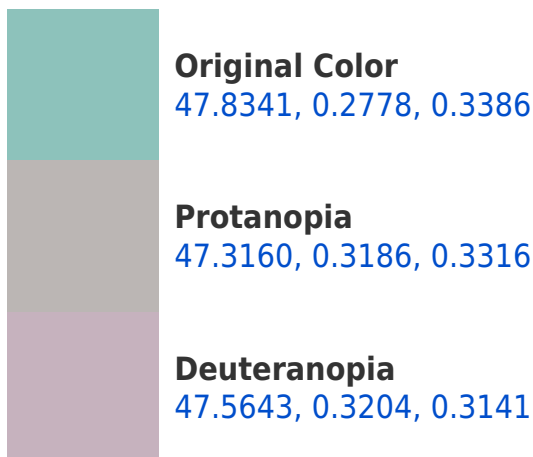


This preview shows how white text looks on a background with the Yxy color 47.8341, 0.2778, 0.3386.

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





Tritanopia

47.7376, 0.2681, 0.3088

Trichromacy



Original Color

47.8341, 0.2778, 0.3386

Protanomaly

47.0828, 0.3019, 0.3330

Deuteranomaly

47.3022, 0.3031, 0.3225

Tritanomaly

47.7521, 0.2719, 0.3194

Monochromacy



Original Color

47.8341, 0.2778, 0.3386

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.0957, 0.2985, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8341, 0.2778, 0.3386 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(141, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(141, 194, 187)  
}
```

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(141, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 194, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.8341, 0.2778, 0.3386 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(141, 194, 187) }
```

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

```
.border{ border-color:rgb(141, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 194, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 194, 187); box-shadow:4px 4px 4px 4px rgb(141, 194, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8341, 0.2778, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 194, 187) }
```

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

```
.background{ background-color: rgb(141,  
194, 187) }
```

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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