

Converting Colors

$Yxy(41.4436, 0.2781, 0.3609)$

Have a look what the booklet for
Yxy(41.4436, 0.2781, 0.3609)
contains.

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Color

Yxy(41.4432, 0.2781, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	79B9A4
RGB	121, 185, 164
RGB Percent	47%, 73%, 64%
CMY	0.5258, 0.2744, 0.3569
CMYK	0.35, 0.00, 0.11, 0.27
HSL	160°, 31%, 60%
HSV	160°, 35%, 73%
XYZ	31.9262, 41.4432, 41.4317
YIQ	163.4700, -31.4030, -20.0990

Conversions

Conversions Part 2

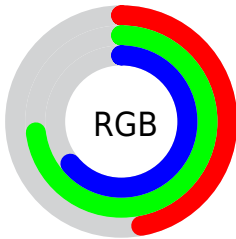
Format	Color
RYB	121, 159, 185
Decimal	7977380
CIELab	70.49, -25.21, 4.18
CIElCh	70, 25.559, 170.578
Yxy	41.4432, 0.2781, 0.3610
Android (android.graphics.Color)	4286167460 (0xFF79B9A4)
YUV	163.4700, 0.2613, -37.2462
Hunter-Lab	64.3764, -24.1352, 6.9053

Details

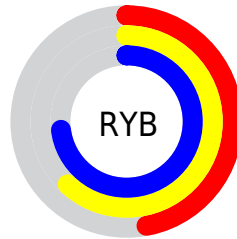
The Yxy color $41.4432, 0.2781, 0.3610$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $25.9254, 0.3665, 0.2995$, and the grayscale version is $36.8627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.1390, 0.2844, 0.3543$, and $18.9376, 0.2681, 0.3725$ is the 20% darker color. If you saturate the color by 10%, you get $40.0207, 0.2700, 0.3720$, and if you desaturate by 10%, it is $43.1358, 0.2873, 0.3507$.

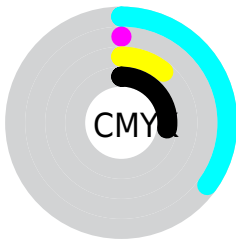
Distribution



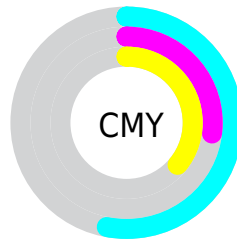
- Red (47%)
- Green (73%)
- Blue (64%)



- Red (47%)
- Yellow (62%)
- Blue (73%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (53%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4432, 0.2781, 0.3610 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 41.4432, 0.2781, 0.3610 by changing the saturation by 10% instead.


 41.4432, 0.2781,
0.3610

 41.4432, 0.2781,
0.3610

352.1696, 0.2959,
0.3444

 28.6656, 0.2735,
0.3654


 77.3562, 0.2847,
0.3548

 18.8280, 0.2675,
0.3711


 101.2604, 0.2871,
0.3525

 11.5460, 0.2594,
0.3789


 129.6422, 0.2891,
0.3506

 6.4354, 0.2478,
0.3903

162.8861, 0.2909,
0.3490

 3.1116, 0.2298,
0.4084

201.3763, 0.2924,
0.3476

 1.1903, 0.1841,
0.4492

245.4974, 0.2937,

 0.0537, 0.0000,

0.3464

1.0000

295.6337, 0.2948,
0.3453

0.0000, 0.0000,
0.0000

41.4432, 0.2781,
0.3610

41.4432, 0.2781,
0.3610

40.0207, 0.2700,
0.3720

43.1358, 0.2873,
0.3507

38.8485, 0.2633,
0.3837

45.1071, 0.2973,
0.3413

37.9118, 0.2583,
0.3959


47.3717, 0.3077,
0.3327


37.1924, 0.2551,
0.4084


49.9413, 0.3185,
0.3250

36.6691, 0.2539,
0.4209

52.8273, 0.3293,
0.3181

 36.3162, 0.2547,
0.4333

 56.0403, 0.3401,
0.3120

 36.1683, 0.2555,
0.4399

 59.5906, 0.3506,
0.3066

 60.7469, 0.3493,
0.3008

 61.0602, 0.3443,
0.2947

Harmonies

Analogous

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



41.4432, 0.3132, 0.3879



41.4432, 0.2781, 0.3610



41.4432, 0.2532, 0.3250

Triad

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



41.4432, 0.2781, 0.3610



41.4432, 0.2742, 0.2686



41.4432, 0.3870, 0.3583

Complementary

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



41.4432, 0.2781, 0.3610



25.9254, 0.3665, 0.2995

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.



41.4432, 0.3757, 0.3280



41.4432, 0.2781, 0.3610



41.4432, 0.3087, 0.2782

Square

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



41.4432, 0.2781, 0.3610



41.4432, 0.2511, 0.2733



41.4432, 0.3463, 0.2994



41.4432, 0.3769, 0.3835

Rectangle

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



41.4432, 0.2781, 0.3610



41.4432, 0.2450, 0.3026



41.4432, 0.3463, 0.2994



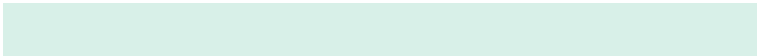
41.4432, 0.3856, 0.3484

Sweetspot

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



41.4449, 0.2781, 0.3610



82.5183, 0.3019, 0.3373



41.8606, 0.3255, 0.4257



17.6694, 0.3004, 0.3385



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.



41.4449, 0.2781, 0.3610



72.1235, 0.2715, 0.3698



37.9653, 0.2623, 0.3128



10.1592, 0.3028, 0.3366



24.6360, 0.2551, 0.4383



0.8794, 0.2463, 0.4066

Inverse Universe

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



25.9254, 0.3665, 0.2995



39.9265, 0.3849, 0.2926



28.0920, 0.3881, 0.3444



9.0595, 0.3238, 0.3215



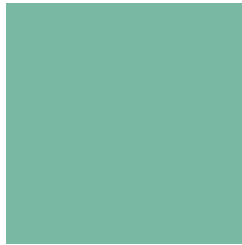
7.2625, 0.5627, 0.2874



0.2678, 0.4885, 0.2464

Previews

White Background



This preview shows how the Yxy color 41.4432, 0.2781, 0.3610 looks on a white background.

Color Contrast Check

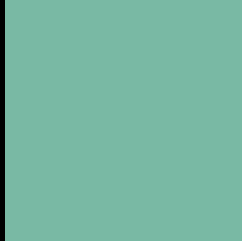
Large Text (above 18pt) WCAG AA × Fail

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 41.4432, 0.2781, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

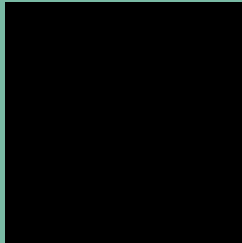
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4432, 0.2781, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 41.4432, 0.2781, 0.3610.



This preview shows how white text looks on a background with the Yxy color 41.4432, 0.2781, 0.3610.

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

41.4432, 0.2781, 0.3610

Protanopia

40.9911, 0.3320, 0.3497

Deuteranopia

41.0467, 0.3335, 0.3264



Tritanopia

41.5771, 0.2620, 0.3088

Trichromacy



Original Color

41.4432, 0.2781, 0.3610

Protanomaly

40.7220, 0.3098, 0.3535

Deuteranomaly

40.6765, 0.3105, 0.3374

Tritanomaly

41.2766, 0.2672, 0.3259

Monochromacy



Original Color

41.4432, 0.2781, 0.3610

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0661, 0.2989, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4432, 0.2781, 0.3610 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(121, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(121, 185, 164)  
}
```

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(121, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 185, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.4432, 0.2781, 0.3610 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(121, 185, 164) }
```

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

```
.border{ border-color:rgb(121, 185, 164) }
```

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

Here you see how a box with a 4 pixel rgb(121, 185, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(121, 185,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4432, 0.2781, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 185, 164) }
```

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

```
.background{ background-color: rgb(121,  
185, 164) }
```

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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