

Converting Colors

$Yxy(40.9181, 0.2772, 0.3569)$

Have a look what the booklet for
Yxy(40.9181, 0.2772, 0.3569)
contains.

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Color

Yxy(41.0625, 0.2773, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	79B8A5
RGB	121, 184, 165
RGB Percent	47%, 72%, 65%
CMY	0.5256, 0.2784, 0.3529
CMYK	0.34, 0.00, 0.10, 0.28
HSL	162°, 31%, 60%
HSV	162°, 34%, 72%
XYZ	31.8151, 41.0625, 41.8541
YIQ	162.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

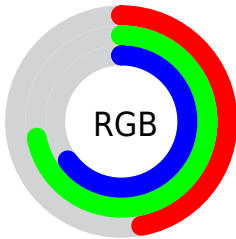
Format	Color
RYB	121, 158, 184
Decimal	7977125
CIELab	70.22, -24.47, 3.24
CIElCh	70, 24.685, 172.470
Yxy	41.0625, 0.2773, 0.3579
Android (android.graphics.Color)	4286167205 (0xFF79B8A5)
YUV	162.9970, 0.9875, -36.8314
Hunter-Lab	64.0800, -23.5165, 6.1305

Details

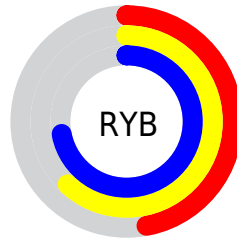
The Yxy color **41.0625, 0.2773, 0.3579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.7513, 0.3678, 0.3022**, and the grayscale version is **36.6290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6014, 0.2838, 0.3520**, and **18.6901, 0.2670, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **39.6620, 0.2689, 0.3679**, and if you desaturate by 10%, it is **42.7286, 0.2868, 0.3485**.

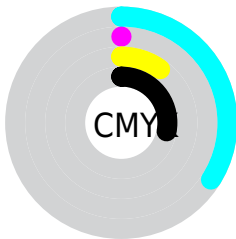
Distribution



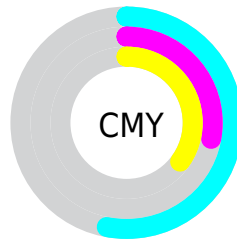
- Red (47%)
- Green (72%)
- Blue (65%)



- Red (47%)
- Yellow (62%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)




- Cyan (53%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0625, 0.2773, 0.3579 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 41.0625, 0.2773, 0.3579 by changing the saturation by 10% instead.


 41.0625, 0.2773,
0.3579

 41.0625, 0.2773,
0.3579


350.5818, 0.2955,
0.3429

 28.3679, 0.2726,
0.3618

 76.7788, 0.2840,
0.3523

 18.6032, 0.2665,
0.3669


 100.5692, 0.2865,
0.3503

 11.3839, 0.2583,
0.3740

 128.8271, 0.2886,
0.3486

 6.3257, 0.2464,
0.3842

161.9368, 0.2904,
0.3471

 3.0441, 0.2281,
0.4003

200.2828, 0.2919,
0.3458

 1.1548, 0.1811,
0.4376

244.2493, 0.2932,

 0.0243, 0.0000,

0.3448

1.0000

294.2208, 0.2944,
0.3438

0.0000, 0.0000,
0.0000

41.0625, 0.2773,
0.3579

41.0625, 0.2773,
0.3579

39.6620, 0.2689,
0.3679

42.7286, 0.2868,
0.3485

38.5075, 0.2619,
0.3786

44.6688, 0.2971,
0.3399

37.5847, 0.2566,
0.3896


46.8972, 0.3080,
0.3321


36.8757, 0.2531,
0.4010


49.4255, 0.3191,
0.3250

36.3596, 0.2516,
0.4124


52.2648, 0.3304,
0.3188

 36.0116, 0.2520,
0.4237

 55.4255, 0.3415,
0.3132

 35.8578, 0.2528,
0.4301

 58.9177, 0.3525,
0.3083

 60.1655, 0.3522,
0.3030

 60.4455, 0.3475,
0.2974

Harmonies

Analogous

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



41.0625, 0.3109, 0.3848



41.0625, 0.2773, 0.3579



41.0625, 0.2539, 0.3230

Triad

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



41.0625, 0.2773, 0.3579



41.0625, 0.2773, 0.2706



41.0625, 0.3846, 0.3593

Complementary

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



41.0625, 0.2773, 0.3579



25.7513, 0.3678, 0.3022

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.



41.0625, 0.3750, 0.3299



41.0625, 0.2773, 0.3579



41.0625, 0.3112, 0.2807

Square

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



41.0625, 0.2773, 0.3579



41.0625, 0.2540, 0.2743



41.0625, 0.3474, 0.3019



41.0625, 0.3737, 0.3831

Rectangle

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



41.0625, 0.2773, 0.3579



41.0625, 0.2466, 0.3016



41.0625, 0.3474, 0.3019



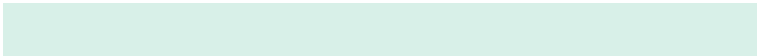
41.0625, 0.3837, 0.3497

Sweetspot

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



41.0642, 0.2773, 0.3579



82.5550, 0.3015, 0.3366



41.3206, 0.3245, 0.4248



17.6783, 0.3000, 0.3377



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.



41.0642, 0.2773, 0.3579



72.5014, 0.2709, 0.3653



37.2008, 0.2626, 0.3114



10.1633, 0.3024, 0.3360



24.7237, 0.2524, 0.4287



0.8820, 0.2444, 0.3998

Inverse Universe

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



25.7513, 0.3678, 0.3022



40.5889, 0.3853, 0.2964



28.2170, 0.3864, 0.3457



9.0556, 0.3242, 0.3221



7.2272, 0.5726, 0.2928



0.2661, 0.4973, 0.2513

Previews

White Background



This preview shows how the Yxy color 41.0625, 0.2773, 0.3579 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 41.0625, 0.2773, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

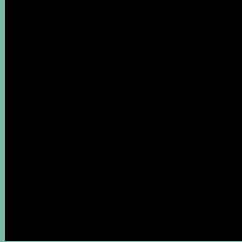
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0625, 0.2773, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 41.0625, 0.2773, 0.3579.



This preview shows how white text looks on a background with the Yxy color 41.0625, 0.2773, 0.3579.

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

41.0625, 0.2773, 0.3579

Protanopia

40.5652, 0.3295, 0.3456

Deuteranopia

40.4662, 0.3309, 0.3238



Tritanopia

41.1268, 0.2624, 0.3087

Trichromacy



Original Color

41.0625, 0.2773, 0.3579

Protanomaly

40.4013, 0.3083, 0.3492

Deuteranomaly

40.2247, 0.3089, 0.3346

Tritanomaly

40.8266, 0.2677, 0.3259

Monochromacy



Original Color

41.0625, 0.2773, 0.3579

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.1021, 0.2981, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0625, 0.2773, 0.3579 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, 184, 165)` looks like.

```
.text, #text, p{  
    color:rgb(121, 184, 165)  
}
```

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, 184, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 184, 165) }
```

Border

The CSS property to change the border of an element to Yxy 41.0625, 0.2773, 0.3579 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, 184, 165) }
```

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

```
.border{ border-color:rgb(121, 184, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 184, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 184, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 184, 165); box-shadow:4px 4px 4px 4px rgb(121, 184, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0625, 0.2773, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 184, 165) }
```

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

```
.background{ background-color: rgb(121,  
184, 165) }
```

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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