

Converting Colors

$Yxy(41.0201, 0.2760, 0.3564)$

Have a look what the booklet for
Yxy(41.0201, 0.2760, 0.3564)
contains.

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Color

Yxy(41.0272, 0.2760, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	78B8A6
RGB	120, 184, 166
RGB Percent	47%, 72%, 65%
CMY	0.5293, 0.2784, 0.3490
CMYK	0.35, 0.00, 0.10, 0.28
HSL	163°, 31%, 60%
HSV	163°, 35%, 72%
XYZ	31.7719, 41.0272, 42.3165
YIQ	162.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

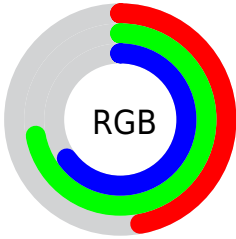
Format	Color
RYB	120, 157, 184
Decimal	7911590
CIELab	70.19, -24.52, 2.66
CIELCh	70, 24.667, 173.812
Yxy	41.0272, 0.2760, 0.3564
Android (android.graphics.Color)	4286101670 (0xFF78B8A6)
YUV	162.8120, 1.5717, -37.5461
Hunter-Lab	64.0525, -23.5506, 5.6666

Details

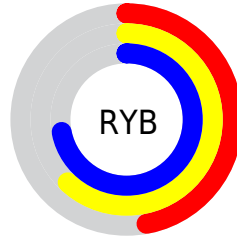
The Yxy color $41.0272, 0.2760, 0.3564$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $25.4678, 0.3705, 0.3036$, and the grayscale version is $36.5404, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5393, 0.2827, 0.3509$, and $18.6764, 0.2653, 0.3660$ is the 20% darker color. If you saturate the color by 10%, you get $39.6505, 0.2675, 0.3658$, and if you desaturate by 10%, it is $42.6677, 0.2857, 0.3477$.

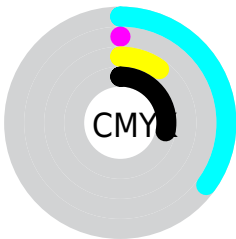
Distribution



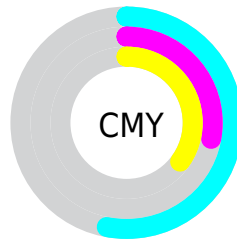
- Red (47%)
- Green (72%)
- Blue (65%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0272, 0.2760, 0.3564 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 41.0272, 0.2760, 0.3564 by changing the saturation by 10% instead.

 41.0272, 0.2760,
0.3564


 41.0272, 0.2760,
0.3564


350.4343, 0.2948,
0.3423


 28.3403, 0.2712,
0.3601


 76.7252, 0.2829,
0.3511

 18.5824, 0.2649,
0.3649


 100.5051, 0.2855,
0.3492

 11.3689, 0.2564,
0.3715


 128.7515, 0.2877,
0.3476

 6.3155, 0.2442,
0.3811


161.8487, 0.2895,
0.3462

 3.0379, 0.2254,
0.3961

200.1812, 0.2911,
0.3450

 1.1515, 0.1775,
0.4312

244.1334, 0.2925,

 0.0216, 0.0000,

0.3440

1.0000

294.0896, 0.2937,
0.3431

0.0000, 0.0000,
0.0000

41.0272, 0.2760,
0.3564

41.0272, 0.2760,
0.3564

39.6505, 0.2675,
0.3658

42.6677, 0.2857,
0.3477

38.5180, 0.2604,
0.3757

44.5804, 0.2962,
0.3396

37.6152, 0.2550,
0.3859

46.7796, 0.3073,
0.3322

36.9242, 0.2514,
0.3965


49.2769, 0.3187,
0.3256

36.4240, 0.2499,
0.4070

52.0835, 0.3303,
0.3197

 36.0894, 0.2502,
0.4175

 55.2098, 0.3417,
0.3145

 35.9518, 0.2508,
0.4230

 58.6658, 0.3530,
0.3098

 60.0664, 0.3538,
0.3049

 60.3247, 0.3494,
0.2997

Harmonies

Analogous

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



41.0272, 0.3093, 0.3839



41.0272, 0.2760, 0.3564



41.0272, 0.2532, 0.3215

Triad

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



41.0272, 0.2760, 0.3564



41.0272, 0.2786, 0.2708



41.0272, 0.3845, 0.3605

Complementary

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



41.0272, 0.2760, 0.3564



25.4678, 0.3705, 0.3036

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.



41.0272, 0.3758, 0.3313



41.0272, 0.2760, 0.3564



41.0272, 0.3129, 0.2815

Square

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



41.0272, 0.2760, 0.3564



41.0272, 0.2547, 0.2738



41.0272, 0.3489, 0.3031



41.0272, 0.3728, 0.3839

Rectangle

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



41.0272, 0.2760, 0.3564



41.0272, 0.2464, 0.3004



41.0272, 0.3489, 0.3031



41.0272, 0.3839, 0.3510

Sweetspot

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



41.0289, 0.2760, 0.3564



82.5820, 0.3012, 0.3361



41.0541, 0.3228, 0.4269



17.6849, 0.2997, 0.3372



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.



41.0289, 0.2760, 0.3564



72.3561, 0.2691, 0.3638



36.2582, 0.2615, 0.3078



10.1663, 0.3022, 0.3355



24.7907, 0.2505, 0.4217



0.8839, 0.2430, 0.3948

Inverse Universe

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



25.4678, 0.3705, 0.3036



39.7492, 0.3901, 0.2978



28.5680, 0.3869, 0.3490



9.0527, 0.3245, 0.3226



7.2034, 0.5795, 0.2966



0.2649, 0.5040, 0.2550

Previews

White Background



This preview shows how the Yxy color 41.0272, 0.2760, 0.3564 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 41.0272, 0.2760, 0.3564 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 41.0272, 0.2760, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 41.0272, 0.2760, 0.3564.

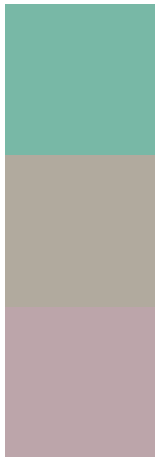


This preview shows how white text looks on a background with the Yxy color 41.0272, 0.2760, 0.3564.

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

41.0272, 0.2760, 0.3564

Protanopia

40.5652, 0.3295, 0.3456

Deuteranopia

40.5039, 0.3300, 0.3224



Tritanopia

41.0496, 0.2618, 0.3087

Trichromacy



Original Color

41.0272, 0.2760, 0.3564

Protanomaly

40.3011, 0.3074, 0.3492

Deuteranomaly

40.1562, 0.3072, 0.3332

Tritanomaly

40.7935, 0.2663, 0.3244

Monochromacy



Original Color

41.0272, 0.2760, 0.3564

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.0092, 0.2973, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0272, 0.2760, 0.3564 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(120, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(120, 184, 166)  
}
```

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(120, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 184, 166) }
```

Border

The CSS property to change the border of an element to Yxy 41.0272, 0.2760, 0.3564 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(120, 184, 166) }
```

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

```
.border{ border-color:rgb(120, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(120, 184,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0272, 0.2760, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 184, 166) }
```

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

```
.background{ background-color: rgb(120,  
184, 166) }
```

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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