

Converting Colors

$Y_{xy}(41.1100, 0.2852, 0.3407)$

Have a look what the booklet for
Yxy(41.1100, 0.2852, 0.3407)
contains.

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Color

Yxy(41.1100, 0.2852, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	8BB4AC
RGB	139, 180, 172
RGB Percent	55%, 71%, 67%
CMY	0.4549, 0.2941, 0.3256
CMYK	0.23, 0.00, 0.04, 0.29
HSL	168°, 21%, 63%
HSV	168°, 23%, 71%
XYZ	34.4132, 41.1100, 45.1402
YIQ	166.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

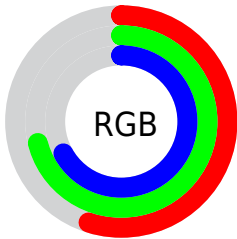
Format	Color
RYB	139, 162, 180
Decimal	9155756
CIELab	70.25, -15.41, -0.42
CIELCh	70, 15.417, 181.553
Yxy	41.1100, 0.2852, 0.3407
Android (android.graphics.Color)	4287345836 (0xFF8BB4AC)
YUV	166.8290, 2.5493, -24.4060
Hunter-Lab	64.1171, -16.3996, 3.1402

Details

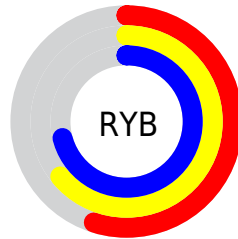
The Yxy color $41.1100, 0.2852, 0.3407$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $30.2766, 0.3497, 0.3177$, and the grayscale version is $38.5514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8744, 0.2904, 0.3390$, and $18.6095, 0.2769, 0.3435$ is the 20% darker color. If you saturate the color by 10%, you get $39.5540, 0.2744, 0.3466$, and if you desaturate by 10%, it is $42.9281, 0.2969, 0.3353$.

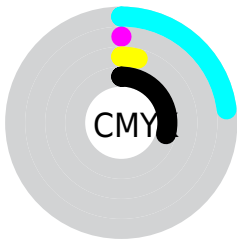
Distribution



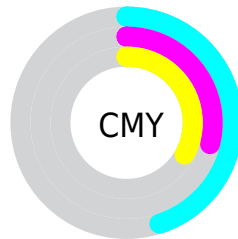
- Red (55%)
- Green (71%)
- Blue (67%)



- Red (55%)
- Yellow (64%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)





- Cyan (45%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1100, 0.2852, 0.3407 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 41.1100, 0.2852, 0.3407 by changing the saturation by 10% instead.


 41.1100, 0.2852,
0.3407


 41.1100, 0.2852,
0.3407


350.7801, 0.2992,
0.3348


 28.4050, 0.2816,
0.3422


 76.8508, 0.2904,
0.3385

 18.6312, 0.2770,
0.3442


 100.6555, 0.2923,
0.3377

 11.4041, 0.2707,
0.3468


 128.9289, 0.2939,
0.3370

 6.3393, 0.2617,
0.3505

162.0554, 0.2953,
0.3364

 3.0525, 0.2480,
0.3563

200.4194, 0.2965,
0.3359

 1.1592, 0.2224,
0.3669

244.4052, 0.2975,

 0.0280, 0.0000,

0.3355

0.3193

294.3973, 0.2984,
0.3351

0.0000, 0.0000,
0.0000

41.1100, 0.2852,
0.3407

41.1100, 0.2852,
0.3407

39.5540, 0.2744,
0.3466

42.9281, 0.2969,
0.3353

38.2426, 0.2648,
0.3529

45.0148, 0.3092,
0.3303

37.1639, 0.2567,
0.3595

47.3828, 0.3219,
0.3258

36.3029, 0.2502,
0.3663

50.0424, 0.3348,
0.3218

35.6431, 0.2456,
0.3733

53.0035, 0.3476,
0.3182

■ 35.1654, 0.2430,
0.3804

■ 56.2753, 0.3602,
0.3151

■ 34.8470, 0.2422,
0.3875

■ 57.9198, 0.3639,
0.3118

■ 34.6823, 0.2424,
0.3925

■ 58.0829, 0.3609,
0.3082

■ 58.2497, 0.3578,
0.3046

Harmonies

Analogous

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



41.1100, 0.3052, 0.3590



41.1100, 0.2852, 0.3407



41.1100, 0.2727, 0.3196

Triad

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



41.1100, 0.2852, 0.3407



41.1100, 0.2966, 0.2926



41.1100, 0.3567, 0.3539

Complementary

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



41.1100, 0.2852, 0.3407



30.2766, 0.3497, 0.3177

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.



41.1100, 0.3545, 0.3360



41.1100, 0.2852, 0.3407



41.1100, 0.3191, 0.3015

Square

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



41.1100, 0.2852, 0.3407



41.1100, 0.2791, 0.2926



41.1100, 0.3405, 0.3171



41.1100, 0.3468, 0.3661

Rectangle

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



41.1100, 0.2852, 0.3407



41.1100, 0.2700, 0.3072



41.1100, 0.3405, 0.3171



41.1100, 0.3574, 0.3484

Sweetspot

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



41.1117, 0.2852, 0.3407



79.9121, 0.3038, 0.3324



40.7307, 0.3168, 0.3904



17.2240, 0.3031, 0.3327



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.1117, 0.2852, 0.3407



73.1596, 0.2800, 0.3434



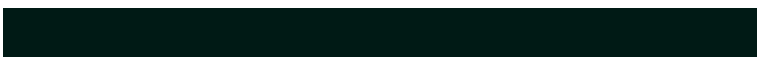
36.6806, 0.2781, 0.3107



9.6025, 0.3011, 0.3335



24.2139, 0.2421, 0.3917



0.7692, 0.2367, 0.3721

Inverse Universe

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



30.2766, 0.3497, 0.3177



50.2638, 0.3597, 0.3152



33.7985, 0.3548, 0.3466



8.5316, 0.3257, 0.3246



6.8658, 0.6055, 0.3109



0.2240, 0.5322, 0.2705

Previews

White Background



This preview shows how the Yxy color 41.1100, 0.2852, 0.3407 looks on a white background.

Color Contrast Check

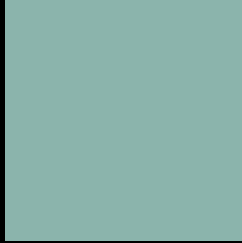
Large Text (above 18pt) WCAG AA × Fail

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 41.1100, 0.2852, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

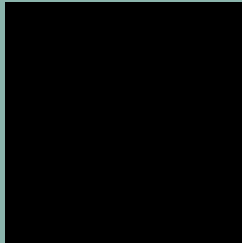
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1100, 0.2852, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 41.1100, 0.2852, 0.3407.

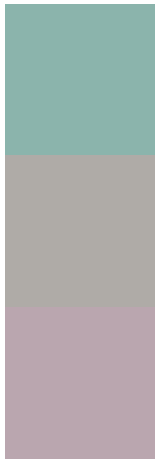


This preview shows how white text looks on a background with the Yxy color 41.1100, 0.2852, 0.3407.

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

41.1100, 0.2852, 0.3407

Protanopia

41.0298, 0.3197, 0.3345

Deuteranopia

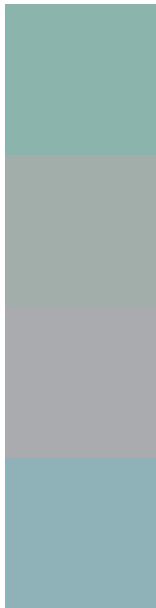
40.8067, 0.3235, 0.3171



Tritanopia

41.0455, 0.2745, 0.3091

Trichromacy



Original Color

41.1100, 0.2852, 0.3407

Protanomaly

40.8181, 0.3062, 0.3360

Deuteranomaly

40.6168, 0.3084, 0.3248

Tritanomaly

41.0523, 0.2788, 0.3203

Monochromacy



Original Color

41.1100, 0.2852, 0.3407

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5377, 0.3019, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1100, 0.2852, 0.3407 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(139, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(139, 180, 172)  
}
```

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(139, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 180, 172) }
```

Border

The CSS property to change the border of an element to Yxy 41.1100, 0.2852, 0.3407 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(139, 180, 172) }
```

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

```
.border{ border-color:rgb(139, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 180, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 180, 172); box-shadow:4px 4px 4px 4px rgb(139, 180, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1100, 0.2852, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 180, 172) }
```

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

```
.background{ background-color: rgb(139,  
180, 172) }
```

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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