

Converting Colors

$Yxy(40.6544, 0.2917, 0.3558)$

Have a look what the booklet for
Yxy(40.6544, 0.2917, 0.3558)
contains.

Yxy(40.6544, 0.2917, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.6544, 0.2917, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	8AB4A2
RGB	138, 180, 162
RGB Percent	54%, 71%, 64%
CMY	0.4586, 0.2941, 0.3647
CMYK	0.23, 0.00, 0.10, 0.29
HSL	154°, 22%, 62%
HSV	154°, 23%, 71%
XYZ	33.3302, 40.6544, 40.2773
YIQ	165.3900, -19.2540, -14.5020

Conversions

Conversions Part 2

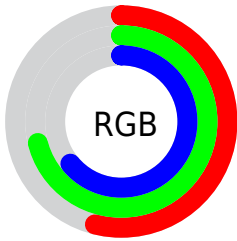
Format	Color
RYB	138, 165, 180
Decimal	9090210
CIELab	69.93, -17.81, 4.59
CIELCh	70, 18.393, 165.548
Yxy	40.6544, 0.2917, 0.3558
Android (android.graphics.Color)	4287280290 (0xFF8AB4A2)
YUV	165.3900, -1.6713, -24.0210
Hunter-Lab	63.7608, -18.2726, 7.1794

Details

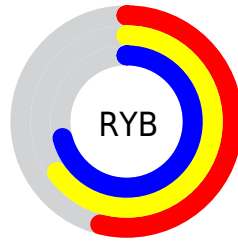
The Yxy color **40.6544, 0.2917, 0.3558** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.2939, 0.3401, 0.3037**, and the grayscale version is **37.8440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2071, 0.2955, 0.3505**, and **18.3308, 0.2855, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **38.9792, 0.2835, 0.3693**, and if you desaturate by 10%, it is **42.6043, 0.3005, 0.3435**.

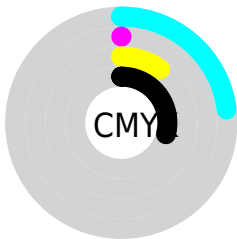
Distribution



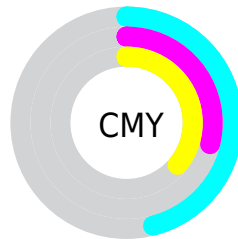
- Red (54%)
- Green (71%)
- Blue (64%)



- Red (54%)
- Yellow (65%)
- Blue (71%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (29%)





- Cyan (46%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6544, 0.2917, 0.3558 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 40.6544, 0.2917, 0.3558 by changing the saturation by 10% instead.


 40.6544, 0.2917,
0.3558


 40.6544, 0.2917,
0.3558


348.8741, 0.3026,
0.3419


 28.0491, 0.2889,
0.3595


 76.1590, 0.2957,
0.3506

 18.3627, 0.2852,
0.3643


 99.8271, 0.2972,
0.3487

 11.2107, 0.2801,
0.3710


 127.9516, 0.2985,
0.3471

 6.2087, 0.2727,
0.3807

160.9169, 0.2995,
0.3457

 2.9724, 0.2611,
0.3963

199.1074, 0.3004,
0.3446

 1.1174, 0.2344,
0.4291

242.9076, 0.3012,

 0.0000, 0.0000,

0.3435

0.0000

292.7016, 0.3019,
0.3426

■ 40.6544, 0.2917,
0.3558

■ 40.6544, 0.2917,
0.3558

■ 38.9792, 0.2835,
0.3693

■ 42.6043, 0.3005,
0.3435

■ 37.5608, 0.2763,
0.3838

■ 44.8357, 0.3096,
0.3324

■ 36.3870, 0.2703,
0.3993

■ 47.3616, 0.3190,
0.3225

■ 35.4425, 0.2659,
0.4156

■ 50.1926, 0.3282,
0.3137

■ 34.7103, 0.2632,
0.4322

■ 53.3387, 0.3374,
0.3059

■ 34.1710, 0.2626,
0.4488

■ 56.8095, 0.3462,
0.2991

■ 33.8011, 0.2639,
0.4651

■ 58.8590, 0.3472,
0.2921

■ 33.6158, 0.2655,
0.4757

■ 59.2676, 0.3408,
0.2846

■ 59.6952, 0.3345,
0.2771

Harmonies

Analogous

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



40.6544, 0.3181, 0.3729



40.6544, 0.2917, 0.3558



40.6544, 0.2715, 0.3309

Triad

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



40.6544, 0.2917, 0.3558



40.6544, 0.2812, 0.2843



40.6544, 0.3660, 0.3475

Complementary

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



40.6544, 0.2917, 0.3558



30.2939, 0.3401, 0.3037

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.



40.6544, 0.3554, 0.3250



40.6544, 0.2917, 0.3558



40.6544, 0.3055, 0.2896

Square

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



40.6544, 0.2917, 0.3558



40.6544, 0.2657, 0.2902



40.6544, 0.3329, 0.3042



40.6544, 0.3616, 0.3666

Rectangle

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



40.6544, 0.2917, 0.3558



40.6544, 0.2640, 0.3143



40.6544, 0.3329, 0.3042



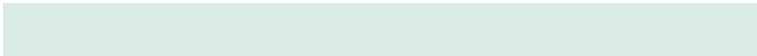
40.6544, 0.3641, 0.3401

Sweetspot

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



40.6561, 0.2917, 0.3558



79.6978, 0.3061, 0.3365



41.5664, 0.3255, 0.3903



17.1740, 0.3056, 0.3371



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.



40.6561, 0.2917, 0.3558



72.0908, 0.2874, 0.3626



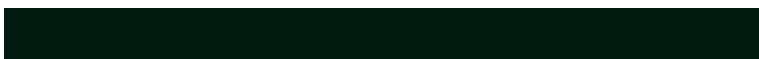
40.2244, 0.2785, 0.3248



9.5687, 0.3041, 0.3389



23.4773, 0.2649, 0.4738



0.7501, 0.2525, 0.4288

Inverse Universe

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



30.2939, 0.3401, 0.3037



49.9719, 0.3480, 0.2978



30.5421, 0.3590, 0.3331



8.5637, 0.3222, 0.3193



7.1608, 0.5226, 0.2652



0.2371, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 40.6544, 0.2917, 0.3558 looks on a white background.

Color Contrast Check

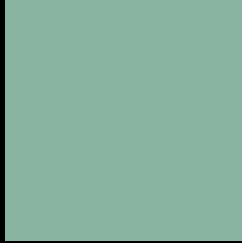
Large Text (above 18pt) WCAG AA × Fail

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 40.6544, 0.2917, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

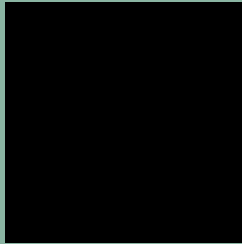
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

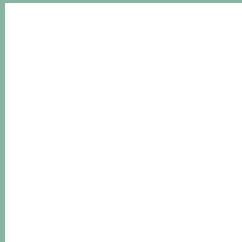
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6544, 0.2917, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 40.6544, 0.2917, 0.3558.



This preview shows how white text looks on a background with the Yxy color 40.6544, 0.2917, 0.3558.

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

40.6544, 0.2917, 0.3558

Protanopia

40.5309, 0.3304, 0.3470

Deuteranopia

40.4457, 0.3355, 0.3291



Tritanopia

40.6080, 0.2751, 0.3090

Trichromacy



Original Color

40.6544, 0.2917, 0.3558

Protanomaly

40.5618, 0.3153, 0.3504

Deuteranomaly

39.9758, 0.3178, 0.3374

Tritanomaly

40.4023, 0.2807, 0.3246

Monochromacy



Original Color

40.6544, 0.2917, 0.3558

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3983, 0.3042, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6544, 0.2917, 0.3558 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(138, 180, 162)` looks like.

```
.text, #text, p{  
    color:rgb(138, 180, 162)  
}
```

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(138, 180, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 180, 162) }
```

Border

The CSS property to change the border of an element to Yxy 40.6544, 0.2917, 0.3558 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(138, 180, 162) }
```

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

```
.border{ border-color:rgb(138, 180, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 180, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 180, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 180, 162);  
box-shadow:4px 4px 4px 4px rgb(138, 180,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6544, 0.2917, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 180, 162) }
```

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

```
.background{ background-color: rgb(138,  
180, 162) }
```

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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