

Converting Colors

$Yxy(45.1644, 0.2693, 0.3125)$

Have a look what the booklet for
Yxy(45.1644, 0.2693, 0.3125)
contains.

Yxy(45.3269, 0.2692, 0.3124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.3269, 0.2692, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	8DBBC7
RGB	141, 187, 199
RGB Percent	55%, 73%, 78%
CMY	0.4471, 0.2666, 0.2197
CMYK	0.29, 0.06, 0.00, 0.22
HSL	192°, 34%, 67%
HSV	192°, 29%, 78%
XYZ	39.0589, 45.3269, 60.7067
YIQ	174.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

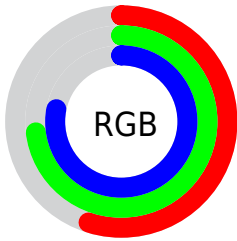
Format	Color
RYB	141, 167, 199
Decimal	9288647
CIELab	73.11, -12.35, -10.98
CIELCh	73, 16.522, 221.638
Yxy	45.3269, 0.2692, 0.3124
Android (android.graphics.Color)	4287478727 (0xFF8DBBC7)
YUV	174.6140, 12.0223, -29.4795
Hunter-Lab	67.3253, -14.2620, -6.3337

Details

The Yxy color **45.3269, 0.2692, 0.3124** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.8270, 0.3722, 0.3449**, and the grayscale version is **42.6076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0569, 0.2773, 0.3161**, and **21.2184, 0.2576, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **42.0214, 0.2556, 0.3058**, and if you desaturate by 10%, it is **48.9991, 0.2837, 0.3186**.

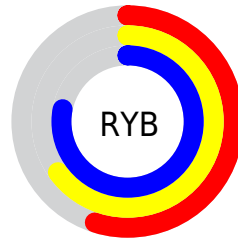
Distribution



Red (55%)

Green (73%)

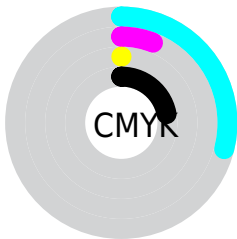
Blue (78%)



Red (55%)

Yellow (65%)

Blue (78%)

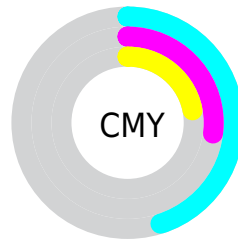


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3269, 0.2692, 0.3124 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 45.3269, 0.2692, 0.3124 by changing the saturation by 10% instead.

■ 45.3269, 0.2692,
0.3124

■ 45.3269, 0.2692,
0.3124

■ 368.0959, 0.2907,
0.3211

■ 31.7150, 0.2639,
0.3101

■ 83.2107, 0.2770,
0.3156

■ 21.1439, 0.2571,
0.3072

■ 108.2515, 0.2799,
0.3168

■ 13.2292, 0.2482,
0.3031

■ 137.8706, 0.2824,
0.3178

■ 7.5866, 0.2360,
0.2973

■ 172.4525, 0.2845,
0.3187

■ 3.8316, 0.2181,
0.2883

■ 212.3816, 0.2864,
0.3194

■ 1.5798, 0.1899,
0.2727

■ 258.0423, 0.2880,

■ 0.3439, 0.0167,

0.3200

0.2259

309.8189, 0.2895,
0.3206

0.0000, 0.0000,
0.0000

45.3269, 0.2692,
0.3124

45.3269, 0.2692,
0.3124

42.0214, 0.2556,
0.3058

48.9991, 0.2837,
0.3186

39.0601, 0.2431,
0.2988

53.0486, 0.2987,
0.3242

36.4259, 0.2321,
0.2915

57.4920, 0.3140,
0.3294

34.0981, 0.2228,
0.2841

62.3434, 0.3293,
0.3341

32.0530, 0.2154,
0.2765

67.6161, 0.3444,
0.3382

■ 30.2629, 0.2099,
0.2690

■ 72.2900, 0.3549,
0.3421

■ 28.6807, 0.2061,
0.2616

■ 74.3640, 0.3540,
0.3463

■ 28.5498, 0.2058,
0.2609

■ 76.4906, 0.3532,
0.3504

■ 78.6702, 0.3523,
0.3545

Harmonies

Analogous

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



45.3269, 0.2788, 0.3337



45.3269, 0.2692, 0.3124



45.3269, 0.2707, 0.2968

Triad

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



45.3269, 0.2692, 0.3124



45.3269, 0.3272, 0.3053



45.3269, 0.3422, 0.3696

Complementary

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



45.3269, 0.2692, 0.3124



36.8270, 0.3722, 0.3449

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.



45.3269, 0.3562, 0.3600



45.3269, 0.2692, 0.3124



45.3269, 0.3475, 0.3231

Square

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



45.3269, 0.2692, 0.3124



45.3269, 0.3036, 0.2935



45.3269, 0.3583, 0.3428



45.3269, 0.3205, 0.3679

Rectangle

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



45.3269, 0.2692, 0.3124



45.3269, 0.2779, 0.2913



45.3269, 0.3583, 0.3428



45.3269, 0.3480, 0.3675

Sweetspot

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



45.3287, 0.2692, 0.3124



92.9203, 0.2988, 0.3243



48.7825, 0.3010, 0.3956



19.6555, 0.2965, 0.3234



0.0000, 0.0000, 0.0000



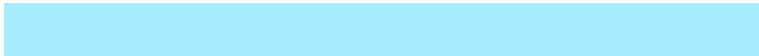
21.4041, 0.3127, 0.3290

Same Dimension

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



45.3287, 0.2692, 0.3124



75.6292, 0.2604, 0.3082



34.3679, 0.2648, 0.2710



11.6816, 0.2984, 0.3241



18.4919, 0.2061, 0.2620



0.9720, 0.2104, 0.2775

Inverse Universe

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



34.7722, 0.3276, 0.2710



54.5319, 0.3317, 0.2582



47.3443, 0.3620, 0.3809



10.7777, 0.3169, 0.3109



9.4068, 0.3805, 0.1870



0.4551, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 45.3269, 0.2692, 0.3124 looks on a white background.

Color Contrast Check

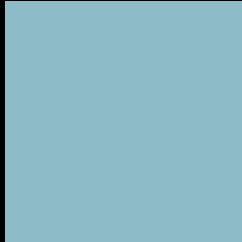
Large Text (above 18pt) WCAG AA × Fail

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 45.3269, 0.2692, 0.3124 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

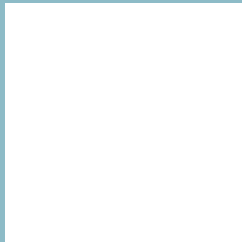
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3269, 0.2692, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 45.3269, 0.2692, 0.3124.



This preview shows how white text looks on a background with the Yxy color 45.3269, 0.2692, 0.3124.

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

45.3269, 0.2692, 0.3124

Protanopia

45.1560, 0.3009, 0.3095

Deuteranopia

44.9755, 0.3007, 0.2937



Tritanopia

45.5557, 0.2680, 0.3084

Trichromacy



Original Color

45.3269, 0.2692, 0.3124

Protanomaly

44.9872, 0.2889, 0.3103

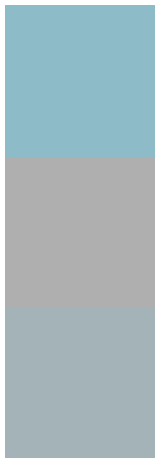
Deuteranomaly

45.0033, 0.2884, 0.3002

Tritanomaly

45.5085, 0.2686, 0.3097

Monochromacy



Original Color

45.3269, 0.2692, 0.3124

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4874, 0.2954, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3269, 0.2692, 0.3124 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(141, 187, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 199)  
}
```

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(141, 187, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 199) }
```

Border

The CSS property to change the border of an element to Yxy 45.3269, 0.2692, 0.3124 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(141, 187, 199) }
```

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

```
.border{ border-color:rgb(141, 187, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 187, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3269, 0.2692, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 199) }
```

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

```
.background{ background-color: rgb(141,  
187, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor