

Converting Colors

$Y_{xy}(45.2630, 0.2951, 0.3727)$

Have a look what the booklet for
Yxy(45.2630, 0.2951, 0.3727)
contains.

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Color

Yxy(45.4975, 0.2951, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	8DBFA1
RGB	141, 191, 161
RGB Percent	55%, 75%, 63%
CMY	0.4472, 0.2509, 0.3686
CMYK	0.26, 0.00, 0.16, 0.25
HSL	144°, 28%, 65%
HSV	144°, 26%, 75%
XYZ	36.0438, 45.4975, 40.5996
YIQ	172.6300, -20.1700, -19.9300

Conversions

Conversions Part 2

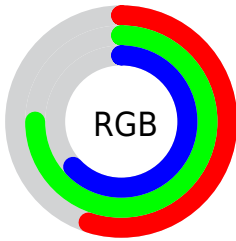
Format	Color
RYB	141, 177, 191
Decimal	9289633
CIELab	73.22, -22.65, 9.87
CIElCh	73, 24.709, 156.450
Yxy	45.4975, 0.2951, 0.3725
Android (android.graphics.Color)	4287479713 (0xFF8DBFA1)
YUV	172.6300, -5.7336, -27.7395
Hunter-Lab	67.4518, -22.6568, 11.5293

Details

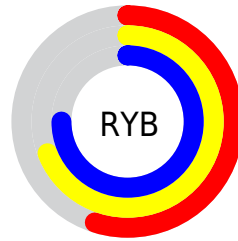
The Yxy color $45.4975, 0.2951, 0.3725$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $33.0571, 0.3356, 0.2892$, and the grayscale version is $41.6259, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.8284, 0.2987, 0.3643$, and $21.1193, 0.2896, 0.3864$ is the 20% darker color. If you saturate the color by 10%, you get $43.5815, 0.2891, 0.3924$, and if you desaturate by 10%, it is $47.7430, 0.3016, 0.3544$.

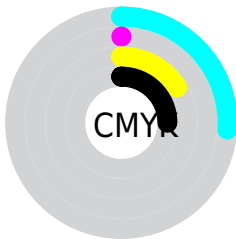
Distribution



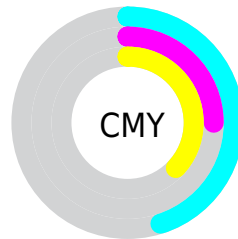
- Red (55%)
- Green (75%)
- Blue (63%)



- Red (55%)
- Yellow (69%)
- Blue (75%)



- Cyan (26%)
- Magenta (0%)
- Yellow (16%)
- Black (25%)



- Cyan (45%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4975, 0.2951, 0.3725 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 45.4975, 0.2951, 0.3725 by changing the saturation by 10% instead.


 45.4975, 0.2951,
0.3725

 45.4975, 0.2951,
0.3725


368.7847, 0.3043,
0.3500

 31.8495, 0.2927,
0.3784


 83.4665, 0.2985,
0.3641

 21.2465, 0.2895,
0.3860


 108.5562, 0.2998,
0.3611

 13.3043, 0.2852,
0.3965


 138.2286, 0.3008,
0.3585

 7.6385, 0.2789,
0.4117

172.8681, 0.3017,
0.3563

 3.8645, 0.2689,
0.4356

212.8590, 0.3025,
0.3544

 1.5980, 0.2509,
0.4786

258.5859, 0.3032,

 0.3563, 0.0000,

0.3527

1.0000

310.4330, 0.3037,
0.3513

■ 0.0000, 0.0000,
0.0000

■ 45.4975, 0.2951,
0.3725

■ 45.4975, 0.2951,
0.3725

■ 43.5815, 0.2891,
0.3924

■ 47.7430, 0.3016,
0.3544

■ 41.9737, 0.2839,
0.4138

■ 50.3271, 0.3085,
0.3382

■ 40.6585, 0.2798,
0.4365

■ 53.2655, 0.3153,
0.3237

■ 39.6173, 0.2772,
0.4598

■ 56.5712, 0.3221,
0.3110

■ 38.8287, 0.2764,
0.4830

■ 60.2565, 0.3287,
0.2998

■ 38.2683, 0.2774,
0.5052

■ 64.2243, 0.3346,
0.2900

■ 37.9046, 0.2802,
0.5257

■ 64.8882, 0.3258,
0.2790

■ 37.7947, 0.2814,
0.5330

■ 65.5952, 0.3174,
0.2685

■ 65.7464, 0.3157,
0.2663

Harmonies

Analogous

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



45.4975, 0.3298, 0.3899



45.4975, 0.2951, 0.3725



45.4975, 0.2663, 0.3415

Triad

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



45.4975, 0.2951, 0.3725



45.4975, 0.2647, 0.2725



45.4975, 0.3797, 0.3435

Complementary

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



45.4975, 0.2951, 0.3725



33.0571, 0.3356, 0.2892

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.



45.4975, 0.3604, 0.3149



45.4975, 0.2951, 0.3725



45.4975, 0.2929, 0.2754

Square

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



45.4975, 0.2951, 0.3725



45.4975, 0.2495, 0.2838



45.4975, 0.3280, 0.2906



45.4975, 0.3797, 0.3703

Rectangle

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



45.4975, 0.2951, 0.3725



45.4975, 0.2538, 0.3189



45.4975, 0.3280, 0.2906



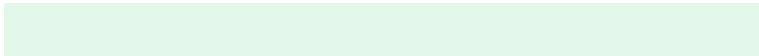
45.4975, 0.3753, 0.3338

Sweetspot

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



45.4994, 0.2951, 0.3725



89.1844, 0.3071, 0.3412



47.8457, 0.3342, 0.3975



19.4244, 0.3061, 0.3436



97.7402, 0.3127, 0.3290



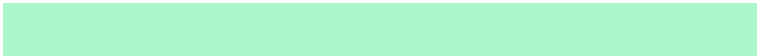
20.4902, 0.3127, 0.3290

Same Dimension

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



45.4994, 0.2951, 0.3725



79.5912, 0.2918, 0.3828



46.4716, 0.2781, 0.3359



10.7112, 0.3063, 0.3431



24.8500, 0.2807, 0.5304



0.9864, 0.2669, 0.4809

Inverse Universe

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



33.0571, 0.3356, 0.2892



53.8315, 0.3416, 0.2809



32.1921, 0.3624, 0.3223



9.6298, 0.3197, 0.3153



8.1020, 0.4522, 0.2265



0.3300, 0.4128, 0.2048

Previews

White Background



This preview shows how the Yxy color 45.4975, 0.2951, 0.3725 looks on a white background.

Color Contrast Check

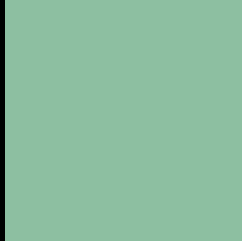
Large Text (above 18pt) WCAG AA × Fail

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 45.4975, 0.2951, 0.3725 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 45.4975, 0.2951, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 45.4975, 0.2951, 0.3725.



This preview shows how white text looks on a background with the Yxy color 45.4975, 0.2951, 0.3725.

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

45.4975, 0.2951, 0.3725

Protanopia

45.2981, 0.3406, 0.3607

Deuteranopia

45.1603, 0.3462, 0.3392



Tritanopia

45.2576, 0.2738, 0.3085

Trichromacy



Original Color

45.4975, 0.2951, 0.3725

Protanomaly

44.9592, 0.3230, 0.3648

Deuteranomaly

45.0262, 0.3257, 0.3505

Tritanomaly

45.1968, 0.2813, 0.3303

Monochromacy



Original Color

45.4975, 0.2951, 0.3725

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.0842, 0.3052, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4975, 0.2951, 0.3725 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, 191, 161)` looks like.

```
.text, #text, p{  
    color:rgb(141, 191, 161)  
}
```

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, 191, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 191, 161) }
```

Border

The CSS property to change the border of an element to Yxy 45.4975, 0.2951, 0.3725 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, 191, 161) }
```

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

```
.border{ border-color:rgb(141, 191, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 191, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 191, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 191, 161);  
box-shadow:4px 4px 4px 4px rgb(141, 191,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4975, 0.2951, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 191, 161) }
```

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

```
.background{ background-color: rgb(141,  
191, 161) }
```

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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