

Converting Colors

$Y_{xy}(44.4225, 0.2986, 0.3889)$

Have a look what the booklet for
Yxy(44.4225, 0.2986, 0.3889)
contains.

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Color

Yxy(44.2632, 0.2990, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	88BE96
RGB	136, 190, 150
RGB Percent	53%, 75%, 59%
CMY	0.4669, 0.2548, 0.4117
CMYK	0.28, 0.00, 0.21, 0.25
HSL	136°, 29%, 64%
HSV	136°, 28%, 75%
XYZ	34.0661, 44.2632, 35.6042
YIQ	169.2940, -19.3440, -23.8880

Conversions

Conversions Part 2

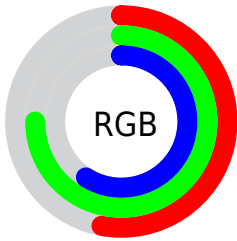
Format	Color
RYB	136, 179, 190
Decimal	8961686
CIELab	72.40, -25.89, 14.63
CIElCh	72, 29.736, 150.521
Yxy	44.2632, 0.2990, 0.3885
Android (android.graphics.Color)	4287151766 (0xFF88BE96)
YUV	169.2940, -9.5119, -29.1988
Hunter-Lab	66.5306, -25.0299, 14.8420

Details

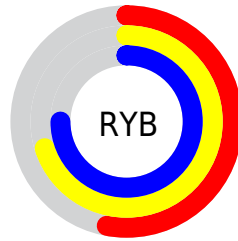
The Yxy color $44.2632, 0.2990, 0.3885$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $31.6765, 0.3301, 0.2761$, and the grayscale version is $39.8808, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8283, 0.3018, 0.3776$, and $20.3940, 0.2938, 0.4073$ is the 20% darker color. If you saturate the color by 10%, you get $42.3871, 0.2947, 0.4138$, and if you desaturate by 10%, it is $46.4793, 0.3037, 0.3654$.

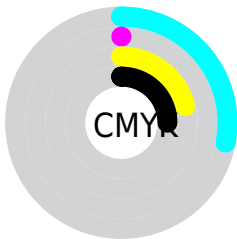
Distribution



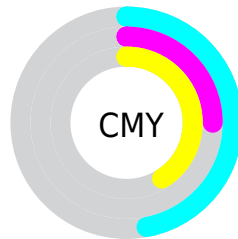
- Red (53%)
- Green (75%)
- Blue (59%)



- Red (53%)
- Yellow (70%)
- Blue (75%)



- Cyan (28%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (47%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2632, 0.2990, 0.3885 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 44.2632, 0.2990, 0.3885 by changing the saturation by 10% instead.

 44.2632, 0.2990,
0.3885

 44.2632, 0.2990,
0.3885


363.7812, 0.3065,
0.3573


 30.8775, 0.2969,
0.3967


 81.6136, 0.3019,
0.3768

 20.5056, 0.2941,
0.4076

 106.3472, 0.3029,
0.3726

 12.7631, 0.2901,
0.4226


 135.6321, 0.3038,
0.3690

 7.2656, 0.2840,
0.4446

169.8528, 0.3045,
0.3660

 3.6288, 0.2736,
0.4795

209.3936, 0.3051,
0.3633

 1.4681, 0.2576,
0.5617

254.6391, 0.3056,

 0.2661, 0.0000,

0.3611

1.0000

305.9735, 0.3061,
0.3591

0.0000, 0.0000,
0.0000

44.2632, 0.2990,
0.3885

44.2632, 0.2990,
0.3885

42.3871, 0.2947,
0.4138

46.4793, 0.3037,
0.3654

40.8287, 0.2910,
0.4408

49.0456, 0.3086,
0.3447

39.5716, 0.2883,
0.4689


51.9785, 0.3135,
0.3263


38.5955, 0.2869,
0.4968


55.2918, 0.3182,
0.3102

37.8777, 0.2869,
0.5232

58.9986, 0.3228,
0.2961


 37.3917, 0.2883,
0.5468

 63.1113, 0.3272,
0.2839

 37.0958, 0.2910,
0.5662

 64.8971, 0.3205,
0.2713

 37.0578, 0.2914,
0.5689

 65.3127, 0.3157,
0.2654

Harmonies

Analogous

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



44.2632, 0.3410, 0.4050



44.2632, 0.2990, 0.3885



44.2632, 0.2623, 0.3522

Triad

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



44.2632, 0.2990, 0.3885



44.2632, 0.2499, 0.2624



44.2632, 0.3914, 0.3388

Complementary

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



44.2632, 0.2990, 0.3885



31.6765, 0.3301, 0.2761

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.



44.2632, 0.3637, 0.3055



44.2632, 0.2990, 0.3885



44.2632, 0.2808, 0.2629

Square

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



44.2632, 0.2990, 0.3885



44.2632, 0.2355, 0.2787



44.2632, 0.3224, 0.2785



44.2632, 0.3960, 0.3721

Rectangle

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



44.2632, 0.2990, 0.3885



44.2632, 0.2454, 0.3242



44.2632, 0.3224, 0.2785



44.2632, 0.3845, 0.3274

Sweetspot

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



44.2651, 0.2990, 0.3885



88.5201, 0.3082, 0.3460



47.8971, 0.3431, 0.4020



19.2801, 0.3075, 0.3490



97.7402, 0.3127, 0.3290



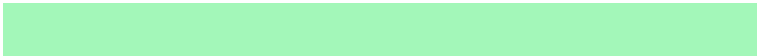
20.4902, 0.3127, 0.3290

Same Dimension

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



44.2651, 0.2990, 0.3885



78.0565, 0.2963, 0.4037



45.2172, 0.2808, 0.3483



10.6893, 0.3081, 0.3464



24.6487, 0.2908, 0.5667



0.9766, 0.2769, 0.5170

Inverse Universe

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



31.6765, 0.3301, 0.2761



51.5843, 0.3348, 0.2646



30.7284, 0.3589, 0.3107



9.6528, 0.3176, 0.3122



8.5636, 0.3988, 0.1970



0.3456, 0.3763, 0.1847

Previews

White Background



This preview shows how the Yxy color 44.2632, 0.2990, 0.3885 looks on a white background.

Color Contrast Check

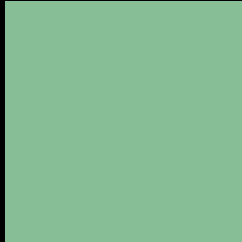
Large Text (above 18pt) WCAG AA × Fail

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 44.2632, 0.2990, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

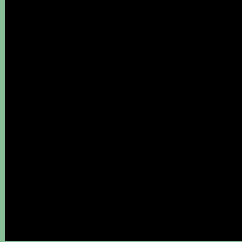
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2632, 0.2990, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 44.2632, 0.2990, 0.3885.



This preview shows how white text looks on a background with the Yxy color 44.2632, 0.2990, 0.3885.

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

44.2632, 0.2990, 0.3885

Protanopia

44.1188, 0.3514, 0.3743

Deuteranopia

43.6391, 0.3569, 0.3495



Tritanopia

43.9639, 0.2720, 0.3082

Trichromacy



Original Color

44.2632, 0.2990, 0.3885

Protanomaly

43.9662, 0.3302, 0.3793

Deuteranomaly

43.2092, 0.3335, 0.3618

Tritanomaly

44.2048, 0.2817, 0.3360

Monochromacy



Original Color

44.2632, 0.2990, 0.3885

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.2210, 0.3074, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2632, 0.2990, 0.3885 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(136, 190, 150)` looks like.

```
.text, #text, p{  
    color:rgb(136, 190, 150)  
}
```

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(136, 190, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 190, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.2632, 0.2990, 0.3885 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(136, 190, 150) }
```

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

```
.border{ border-color:rgb(136, 190, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 190, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 190, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 190, 150);  
box-shadow:4px 4px 4px 4px rgb(136, 190,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2632, 0.2990, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 190, 150) }
```

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

```
.background{ background-color: rgb(136,  
190, 150) }
```

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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