

Converting Colors

$Yxy(44.5776, 0.2897, 0.4211)$

Have a look what the booklet for
Yxy(44.5776, 0.2897, 0.4211)
contains.

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Color

Yxy(44.6010, 0.2896, 0.4210)

Conversions

Conversions Part 1

Format	Color
Hex	6EC489
RGB	110, 196, 137
RGB Percent	43%, 77%, 54%
CMY	0.5688, 0.2313, 0.4627
CMYK	0.44, 0.00, 0.30, 0.23
HSL	139°, 42%, 60%
HSV	139°, 44%, 77%
XYZ	30.6804, 44.6010, 30.6592
YIQ	163.5600, -32.3170, -36.5810

Conversions

Conversions Part 2

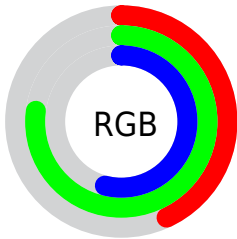
Format	Color
RYB	110, 175, 196
Decimal	7259273
CIELab	72.63, -39.03, 21.72
CIElCh	73, 44.668, 150.906
Yxy	44.6010, 0.2896, 0.4210
Android (android.graphics.Color)	4285449353 (0xFF6EC489)
YUV	163.5600, -13.0941, -46.9721
Hunter-Lab	66.7840, -34.8695, 19.5299

Details

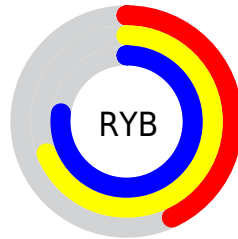
The Yxy color **44.6010, 0.2896, 0.4210** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **25.7398, 0.3485, 0.2527**, and the grayscale version is **36.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0115, 0.2943, 0.4020**, and **20.8463, 0.2809, 0.4515** is the 20% darker color. If you saturate the color by 10%, you get **43.1203, 0.2860, 0.4468**, and if you desaturate by 10%, it is **46.4114, 0.2941, 0.3966**.

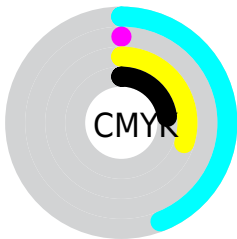
Distribution



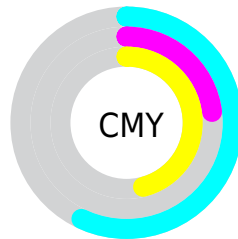
- Red (43%)
- Green (77%)
- Blue (54%)



- Red (43%)
- Yellow (69%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (30%)
- Black (23%)





- Cyan (57%)
- Magenta (23%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6010, 0.2896, 0.4210 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 44.6010, 0.2896, 0.4210 by changing the saturation by 10% instead.


 44.6010, 0.2896,
0.4210

 44.6010, 0.2896,
0.4210


365.1552, 0.3026,
0.3721

 31.1433, 0.2859,
0.4342


 82.1213, 0.2947,
0.4025

 20.7080, 0.2808,
0.4516


 106.9527, 0.2965,
0.3958

 12.9107, 0.2734,
0.4758


 136.3442, 0.2979,
0.3902

 7.3671, 0.2620,
0.5115

170.6800, 0.2992,
0.3855

 3.6927, 0.2424,
0.5683

210.3446, 0.3002,
0.3814

 1.5032, 0.1997,
0.7983

255.7224, 0.3011,

 0.2910, 0.0000,

0.3779

1.0000

307.1978, 0.3019,
0.3748

0.0000, 0.0000,
0.0000

44.6010, 0.2896,
0.4210

44.6010, 0.2896,
0.4210

43.1203, 0.2860,
0.4468

46.4114, 0.2941,
0.3966

41.9436, 0.2836,
0.4732

48.5645, 0.2993,
0.3741

41.0499, 0.2828,
0.4992


51.0794, 0.3048,
0.3537

40.4134, 0.2837,
0.5236

53.9718, 0.3105,
0.3355

40.0028, 0.2861,
0.5452

57.2569, 0.3161,
0.3194

 39.8289, 0.2880,
0.5568

 60.9487, 0.3216,
0.3053

 65.0607, 0.3269,
0.2930

 67.3081, 0.3230,
0.2809

 67.9652, 0.3154,
0.2713

Harmonies

Analogous

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



44.6010, 0.3512, 0.4450



44.6010, 0.2896, 0.4210



44.6010, 0.2373, 0.3625

Triad

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



44.6010, 0.2896, 0.4210



44.6010, 0.2220, 0.2323



44.6010, 0.4315, 0.3408

Complementary

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



44.6010, 0.2896, 0.4210



25.7398, 0.3485, 0.2527

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.



44.6010, 0.3897, 0.2943



44.6010, 0.2896, 0.4210



44.6010, 0.2656, 0.2346

Square

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



44.6010, 0.2896, 0.4210



44.6010, 0.2018, 0.2530



44.6010, 0.3267, 0.2568



44.6010, 0.4363, 0.3889

Rectangle

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



44.6010, 0.2896, 0.4210



44.6010, 0.2141, 0.3187



44.6010, 0.3267, 0.2568



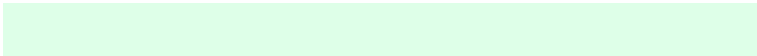
44.6010, 0.4212, 0.3247

Sweetspot

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



44.6028, 0.2896, 0.4210



92.8676, 0.3052, 0.3524



49.1772, 0.3545, 0.4450



19.6441, 0.3040, 0.3567



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.



44.6028, 0.2896, 0.4210



78.1231, 0.2860, 0.4466



46.0431, 0.2638, 0.3543



11.3098, 0.3074, 0.3452



25.6023, 0.2873, 0.5543



1.1189, 0.2741, 0.5069

Inverse Universe

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



25.7398, 0.3485, 0.2527



39.4361, 0.3599, 0.2370



24.4134, 0.4035, 0.3062



10.1919, 0.3185, 0.3133



8.6696, 0.4188, 0.2081



0.3866, 0.3919, 0.1933

Previews

White Background



This preview shows how the Yxy color 44.6010, 0.2896, 0.4210 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 44.6010, 0.2896, 0.4210 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 44.6010, 0.2896, 0.4210

Background



This preview shows how black text looks on a background with the Yxy color 44.6010, 0.2896, 0.4210.



This preview shows how white text looks on a background with the Yxy color 44.6010, 0.2896, 0.4210.

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

44.6010, 0.2896, 0.4210

Protanopia

43.9764, 0.3654, 0.3927

Deuteranopia

43.8544, 0.3710, 0.3632



Tritanopia

44.6382, 0.2567, 0.3078

Trichromacy



Original Color

44.6010, 0.2896, 0.4210



Protanomaly

43.5240, 0.3338, 0.4035



Deuteranomaly

42.8212, 0.3367, 0.3823



Tritanomaly

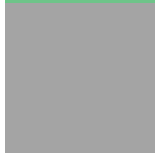
44.5093, 0.2687, 0.3465

Monochromacy



Original Color

44.6010, 0.2896, 0.4210



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

39.3131, 0.3026, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6010, 0.2896, 0.4210 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(110, 196, 137)` looks like.

```
.text, #text, p{  
    color:rgb(110, 196, 137)  
}
```

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(110, 196, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 196, 137) }
```

Border

The CSS property to change the border of an element to Yxy 44.6010, 0.2896, 0.4210 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(110, 196, 137) }
```

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

```
.border{ border-color:rgb(110, 196, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 196, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 196, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 196, 137);  
box-shadow:4px 4px 4px 4px rgb(110, 196,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6010, 0.2896, 0.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 196, 137) }
```

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

```
.background{ background-color: rgb(110,  
196, 137) }
```

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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