

Converting Colors

Yxy(43.5364, 0.2683, 0.3619)

Have a look what the booklet for
Yxy(43.5364, 0.2683, 0.3619)
contains.

Yxy(43.4789, 0.2682, 0.3608)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4789, 0.2682, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	6EBFAA
RGB	110, 191, 170
RGB Percent	43%, 75%, 67%
CMY	0.5684, 0.2510, 0.3334
CMYK	0.42, 0.00, 0.11, 0.25
HSL	164°, 39%, 59%
HSV	164°, 42%, 75%
XYZ	32.3200, 43.4789, 44.7081
YIQ	164.3870, -41.5350, -23.7030

Conversions

Conversions Part 2

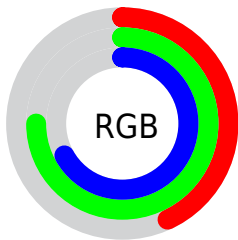
Format	Color
RYB	110, 157, 191
Decimal	7258026
CIELab	71.88, -29.80, 2.86
CIELCh	72, 29.934, 174.512
Yxy	43.4789, 0.2682, 0.3608
Android (android.graphics.Color)	4285448106 (0xFF6EBFAA)
YUV	164.3870, 2.7672, -47.6974
Hunter-Lab	65.9385, -27.9001, 5.9568

Details

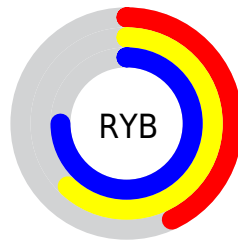
The Yxy color **43.4789, 0.2682, 0.3608** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.8802, 0.3920, 0.3003**, and the grayscale version is **37.3256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5704, 0.2764, 0.3554**, and **20.0116, 0.2550, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **42.1998, 0.2605, 0.3698**, and if you desaturate by 10%, it is **45.0326, 0.2773, 0.3523**.

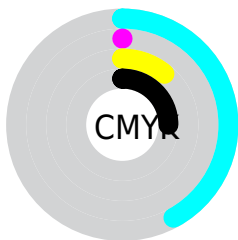
Distribution



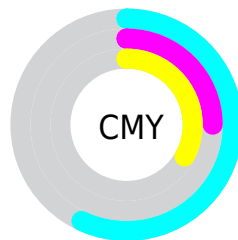
- Red (43%)
- Green (75%)
- Blue (67%)



- Red (43%)
- Yellow (62%)
- Blue (75%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (57%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4789, 0.2682, 0.3608 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 43.4789, 0.2682, 0.3608 by changing the saturation by 10% instead.

 43.4789, 0.2682,
0.3608


 43.4789, 0.2682,
0.3608

360.5776, 0.2907,
0.3445

 30.2610, 0.2625,
0.3650


 80.4330, 0.2765,
0.3548

 20.0368, 0.2551,
0.3704


 104.9381, 0.2795,
0.3526

 12.4218, 0.2452,
0.3778


 133.9744, 0.2821,
0.3507

 7.0316, 0.2312,
0.3884

 167.9263, 0.2844,
0.3491

 3.4819, 0.2101,
0.4047

207.1781, 0.2863,
0.3477

 1.3882, 0.1649,
0.4382

252.1144, 0.2880,

 0.2080, 0.0000,

0.3465

0.8877

303.1194, 0.2894,
0.3455

0.0000, 0.0000,
0.0000

43.4789, 0.2682,
0.3608

43.4789, 0.2682,
0.3608

42.1998, 0.2605,
0.3698

45.0326, 0.2773,
0.3523

41.1730, 0.2546,
0.3792

46.8714, 0.2874,
0.3444

40.3809, 0.2504,
0.3888


49.0115, 0.2984,
0.3371


39.8015, 0.2482,
0.3985


51.4664, 0.3099,
0.3305

39.4085, 0.2480,
0.4081

54.2486, 0.3217,
0.3245

 39.1958, 0.2487,
0.4154

 57.3703, 0.3336,
0.3192

 60.8426, 0.3455,
0.3145

 63.1567, 0.3507,
0.3099

 63.4073, 0.3466,
0.3049

Harmonies

Analogous

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



43.4789, 0.3072, 0.3946



43.4789, 0.2682, 0.3608



43.4789, 0.2421, 0.3186

Triad

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



43.4789, 0.2682, 0.3608



43.4789, 0.2730, 0.2608



43.4789, 0.3982, 0.3662

Complementary

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



43.4789, 0.2682, 0.3608



23.8802, 0.3920, 0.3003

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.



43.4789, 0.3885, 0.3319



43.4789, 0.2682, 0.3608



43.4789, 0.3136, 0.2737

Square

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



43.4789, 0.2682, 0.3608



43.4789, 0.2448, 0.2635



43.4789, 0.3567, 0.2990



43.4789, 0.3833, 0.3942

Rectangle

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



43.4789, 0.2682, 0.3608



43.4789, 0.2345, 0.2936



43.4789, 0.3567, 0.2990



43.4789, 0.3978, 0.3550

Sweetspot

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



43.4806, 0.2682, 0.3608



87.4443, 0.2975, 0.3377



43.2641, 0.3231, 0.4523



19.0055, 0.2950, 0.3393



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.



43.4806, 0.2682, 0.3608



75.7007, 0.2609, 0.3693



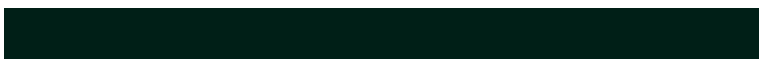
36.6272, 0.2510, 0.3003



10.7661, 0.3018, 0.3350



25.7733, 0.2484, 0.4141



1.0197, 0.2420, 0.3912

Inverse Universe

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



23.8802, 0.3920, 0.3003



35.8933, 0.4200, 0.2946



27.8879, 0.4096, 0.3553



9.5760, 0.3249, 0.3231



7.4397, 0.5871, 0.3008



0.3025, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 43.4789, 0.2682, 0.3608 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 43.4789, 0.2682, 0.3608 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 43.4789, 0.2682, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 43.4789, 0.2682, 0.3608.



This preview shows how white text looks on a background with the Yxy color 43.4789, 0.2682, 0.3608.

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

43.4789, 0.2682, 0.3608

Protanopia

43.1782, 0.3308, 0.3479

Deuteranopia

43.0511, 0.3286, 0.3226



Tritanopia

43.1864, 0.2532, 0.3074

Trichromacy



Original Color

43.4789, 0.2682, 0.3608

Protanomaly

42.7960, 0.3048, 0.3532

Deuteranomaly

42.5393, 0.3030, 0.3359

Tritanomaly

43.3290, 0.2584, 0.3259

Monochromacy



Original Color

43.4789, 0.2682, 0.3608

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.9546, 0.2933, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4789, 0.2682, 0.3608 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(110, 191, 170)  
}
```

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, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 191, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.4789, 0.2682, 0.3608 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, 191, 170) }
```

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

```
.border{ border-color:rgb(110, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(110, 191,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4789, 0.2682, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 191, 170) }
```

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

```
.background{ background-color: rgb(110,  
191, 170) }
```

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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