

Converting Colors

$Yxy(43.8744, 0.2627, 0.3359)$

Have a look what the booklet for
Yxy(43.8744, 0.2627, 0.3359)
contains.

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Color

Yxy(44.0427, 0.2624, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	74BEB9
RGB	116, 190, 185
RGB Percent	45%, 75%, 73%
CMY	0.5450, 0.2549, 0.2745
CMYK	0.39, 0.00, 0.03, 0.25
HSL	176°, 36%, 60%
HSV	176°, 39%, 75%
XYZ	34.3748, 44.0427, 52.5840
YIQ	167.3040, -42.4990, -17.2430

Conversions

Conversions Part 2

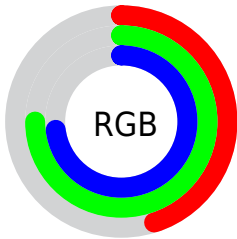
Format	Color
RYB	116, 154, 190
Decimal	7651001
CIELab	72.26, -24.18, -4.75
CIElCh	72, 24.644, 191.105
Yxy	44.0427, 0.2624, 0.3362
Android (android.graphics.Color)	4285841081 (0xFF74BEB9)
YUV	167.3040, 8.7241, -44.9936
Hunter-Lab	66.3647, -23.6809, -0.5231

Details

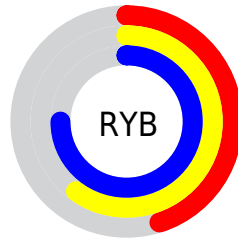
The Yxy color **44.0427, 0.2624, 0.3362** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.8260, 0.4017, 0.3223**, and the grayscale version is **38.7753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5303, 0.2714, 0.3356**, and **20.2664, 0.2477, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **42.8184, 0.2526, 0.3383**, and if you desaturate by 10%, it is **45.5373, 0.2737, 0.3342**.

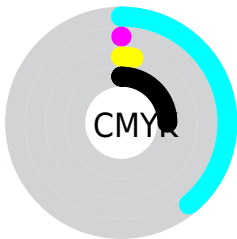
Distribution



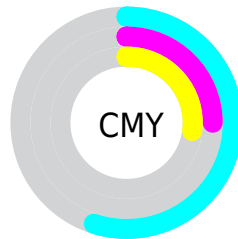
- Red (45%)
- Green (75%)
- Blue (73%)



- Red (45%)
- Yellow (60%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0427, 0.2624, 0.3362 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 44.0427, 0.2624, 0.3362 by changing the saturation by 10% instead.

 44.0427, 0.2624,
0.3362


 44.0427, 0.2624,
0.3362

362.8825, 0.2875,
0.3329


 30.7041, 0.2562,
0.3369


 81.2820, 0.2715,
0.3351

 20.3736, 0.2482,
0.3377


 105.9515, 0.2749,
0.3347

 12.6669, 0.2376,
0.3387


 135.1667, 0.2778,
0.3343

 7.1996, 0.2230,
0.3399

169.3120, 0.2803,
0.3339

 3.5872, 0.2015,
0.3411

208.7718, 0.2825,
0.3336

 1.4455, 0.1655,
0.3421

253.9306, 0.2843,

 0.2499, 0.0000,

0.3334

0.2927

305.1727, 0.2860,
0.3331

0.0000, 0.0000,
0.0000

44.0427, 0.2624,
0.3362

44.0427, 0.2624,
0.3362

42.8184, 0.2526,
0.3383

45.5373, 0.2737,
0.3342

41.8427, 0.2445,
0.3406

47.3119, 0.2863,
0.3322

41.0994, 0.2383,
0.3428

49.3822, 0.3000,
0.3305

40.5678, 0.2340,
0.3451

51.7609, 0.3143,
0.3288

40.2237, 0.2316,
0.3473

54.4604, 0.3290,
0.3274

■ 40.0254, 0.2306,
0.3496

■ 57.4920, 0.3440,
0.3261

■ 40.0069, 0.2305,
0.3498

■ 60.8669, 0.3589,
0.3249

■ 62.0398, 0.3628,
0.3237

■ 62.0983, 0.3617,
0.3223

Harmonies

Analogous

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



44.0427, 0.2898, 0.3687



44.0427, 0.2624, 0.3362



44.0427, 0.2484, 0.3037

Triad

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



44.0427, 0.2624, 0.3362



44.0427, 0.2979, 0.2766



44.0427, 0.3785, 0.3742

Complementary

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



44.0427, 0.2624, 0.3362



24.8260, 0.4017, 0.3223

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.



44.0427, 0.3816, 0.3480



44.0427, 0.2624, 0.3362



44.0427, 0.3336, 0.2936

Square

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



44.0427, 0.2624, 0.3362



44.0427, 0.2680, 0.2716



44.0427, 0.3649, 0.3191



44.0427, 0.3571, 0.3901

Rectangle

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



44.0427, 0.2624, 0.3362



44.0427, 0.2479, 0.2870



44.0427, 0.3649, 0.3191



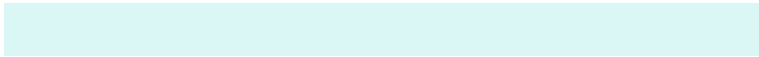
44.0427, 0.3818, 0.3662

Sweetspot

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



44.0444, 0.2624, 0.3362



88.2035, 0.2954, 0.3310



42.2403, 0.3118, 0.4447



19.2581, 0.2936, 0.3313



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.



44.0444, 0.2624, 0.3362



77.8292, 0.2537, 0.3381



32.2905, 0.2523, 0.2817



10.7981, 0.2994, 0.3305



26.6070, 0.2304, 0.3495



1.0456, 0.2289, 0.3441

Inverse Universe

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



24.8260, 0.4017, 0.3223



37.9591, 0.4335, 0.3210



33.0297, 0.3914, 0.3715



9.5466, 0.3278, 0.3275



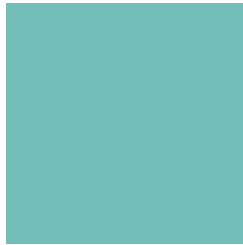
7.3027, 0.6315, 0.3253



0.2897, 0.6006, 0.3082

Previews

White Background



This preview shows how the Yxy color 44.0427, 0.2624, 0.3362 looks on a white background.

Color Contrast Check

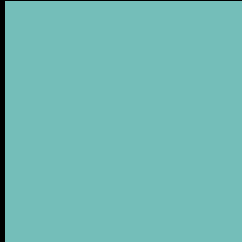
Large Text (above 18pt) WCAG AA × Fail

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 44.0427, 0.2624, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

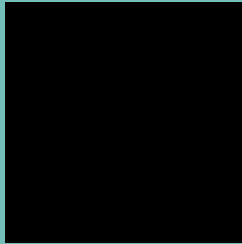
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

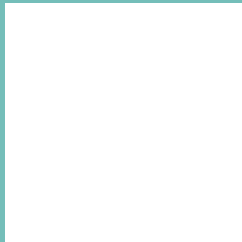
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0427, 0.2624, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 44.0427, 0.2624, 0.3362.



This preview shows how white text looks on a background with the Yxy color 44.0427, 0.2624, 0.3362.

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

44.0427, 0.2624, 0.3362

Protanopia

43.3782, 0.3154, 0.3277

Deuteranopia

43.4913, 0.3129, 0.3059



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

44.0427, 0.2624, 0.3362

Protanomaly

42.9651, 0.2935, 0.3303

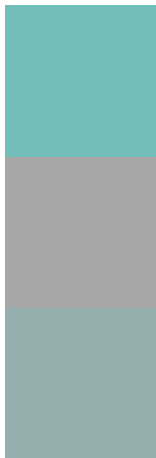
Deuteranomaly

43.1530, 0.2915, 0.3153

Tritanomaly

43.8739, 0.2572, 0.3174

Monochromacy



Original Color

44.0427, 0.2624, 0.3362

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0118, 0.2905, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0427, 0.2624, 0.3362 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(116, 190, 185)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 185)  
}
```

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(116, 190, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.0427, 0.2624, 0.3362 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(116, 190, 185) }
```

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

```
.border{ border-color:rgb(116, 190, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 190, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 185);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0427, 0.2624, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 185) }
```

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

```
.background{ background-color: rgb(116,  
190, 185) }
```

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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