

Converting Colors

$Yxy(60.3756, 0.2426, 0.3327)$

Have a look what the booklet for
Yxy(60.3756, 0.2426, 0.3327)
contains.

Yxy(60.3756, 0.2426, 0.3327)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.3756, 0.2426, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	5FDFDC
RGB	95, 223, 220
RGB Percent	37%, 87%, 86%
CMY	0.6277, 0.1255, 0.1371
CMYK	0.57, 0.00, 0.01, 0.13
HSL	179°, 67%, 62%
HSV	179°, 57%, 87%
XYZ	44.0250, 60.3756, 77.0710
YIQ	184.3860, -75.3250, -28.0690

Conversions

Conversions Part 2

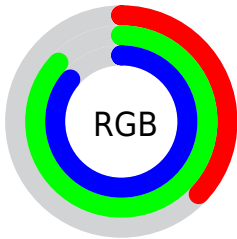
Format	Color
RYB	95, 160, 223
Decimal	6283228
CIELab	82.04, -35.73, -9.20
CIELCh	82, 36.898, 194.443
Yxy	60.3756, 0.2426, 0.3327
Android (android.graphics.Color)	4284473308 (0xFF5FDFDC)
YUV	184.3860, 17.5577, -78.3915
Hunter-Lab	77.7017, -34.8418, -4.4175

Details

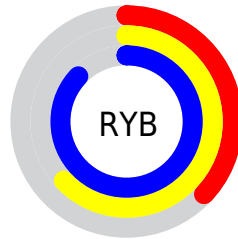
The Yxy color **60.3756, 0.2426, 0.3327** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **24.7441, 0.4842, 0.3263**, and the grayscale version is **48.0845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **30.3540, 0.2257, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **59.3232, 0.2359, 0.3334**, and if you desaturate by 10%, it is **61.7744, 0.2512, 0.3320**.

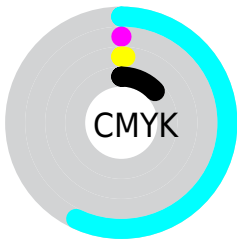
Distribution



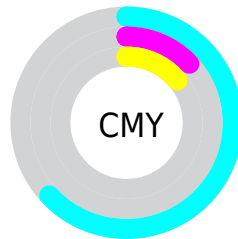
- Red (37%)
- Green (87%)
- Blue (86%)



- Red (37%)
- Yellow (63%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)




- Cyan (63%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3756, 0.2426, 0.3327 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 60.3756, 0.2426, 0.3327 by changing the saturation by 10% instead.


 60.3756, 0.2426,
0.3327

 60.3756, 0.2426,
0.3327


425.9808, 0.2754,
0.3317

 43.7214, 0.2351,
0.3327


 105.3743, 0.2540,
0.3325

 30.4516, 0.2257,
0.3326


 134.4877, 0.2585,
0.3324

 20.1816, 0.2139,
0.3323


 168.5229, 0.2623,
0.3323

 12.5271, 0.1985,
0.3315

 207.8644, 0.2656,
0.3322

 7.1037, 0.1776,
0.3298

252.8966, 0.2685,
0.3321

 3.5271, 0.1481,
0.3258

304.0037, 0.2711,

 1.4127, 0.0897,

0.3319

361.5704, 0.2734,
0.3318

0.3209

0.2261, 0.0000,
0.2026

0.0000, 0.0000,
0.0000

60.3756, 0.2426,
0.3327

60.3756, 0.2426,
0.3327

59.3232, 0.2359,
0.3334

61.7744, 0.2512,
0.3320

58.5802, 0.2311,
0.3342


63.5391, 0.2617,
0.3313

58.1136, 0.2282,
0.3349

65.6959, 0.2737,
0.3306


57.8761, 0.2269,
0.3357

68.2668, 0.2871,
0.3300


 57.8321, 0.2266,
0.3359

 71.2721, 0.3015,
0.3294

 74.7306, 0.3167,
0.3289

 78.6603, 0.3323,
0.3284

 79.4294, 0.3348,
0.3279

 79.4575, 0.3345,
0.3274

Harmonies

Analogous

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



60.3756, 0.2767, 0.3790



60.3756, 0.2426, 0.3327



60.3756, 0.2270, 0.2897

Triad

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



60.3756, 0.2426, 0.3327



60.3756, 0.2975, 0.2620



60.3756, 0.3987, 0.3914

Complementary

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



60.3756, 0.2426, 0.3327



24.7441, 0.4842, 0.3263

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.



60.3756, 0.4068, 0.3569



60.3756, 0.2426, 0.3327



60.3756, 0.3458, 0.2855

Square

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



60.3756, 0.2426, 0.3327



60.3756, 0.2567, 0.2532



60.3756, 0.3870, 0.3192



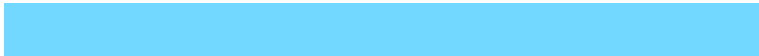
60.3756, 0.3671, 0.4126

Rectangle

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



60.3756, 0.2426, 0.3327



60.3756, 0.2281, 0.2692



60.3756, 0.3870, 0.3192



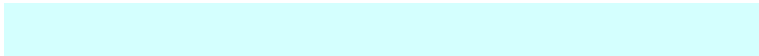
60.3756, 0.4044, 0.3808

Sweetspot

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



60.3779, 0.2426, 0.3327



92.6206, 0.2875, 0.3300



56.2685, 0.3062, 0.5125



19.6630, 0.2847, 0.3301



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.



60.3779, 0.2426, 0.3327



80.1448, 0.2347, 0.3336



34.0398, 0.2227, 0.2432



15.5666, 0.2985, 0.3295



34.0049, 0.2266, 0.3358



2.3588, 0.2263, 0.3346

Inverse Universe

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



24.7441, 0.4842, 0.3263



27.4856, 0.5416, 0.3264



39.8598, 0.4408, 0.3978



13.7056, 0.3288, 0.3285



9.2332, 0.6375, 0.3285



0.6418, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 60.3756, 0.2426, 0.3327 looks on a white background.

Color Contrast Check

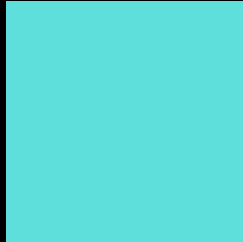
Large Text (above 18pt) WCAG AA × Fail

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 60.3756, 0.2426, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

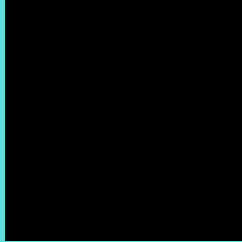
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3756, 0.2426, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 60.3756, 0.2426, 0.3327.

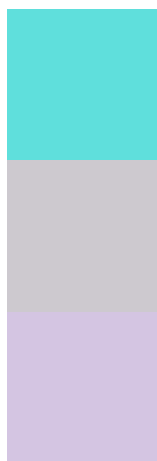


This preview shows how white text looks on a background with the Yxy color 60.3756, 0.2426, 0.3327.

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

60.3756, 0.2426, 0.3327

Protanopia

59.2574, 0.3115, 0.3220

Deuteranopia

59.4205, 0.3035, 0.2964



Tritanopia

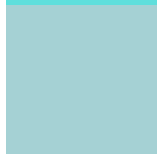
60.1842, 0.2364, 0.3059

Trichromacy



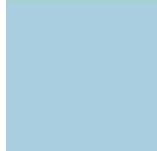
Original Color

60.3756, 0.2426, 0.3327



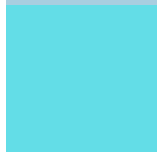
Protanomaly

58.3537, 0.2797, 0.3252



Deuteranomaly

57.9594, 0.2748, 0.3070



Tritanomaly

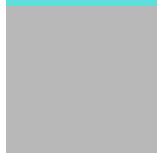
60.1351, 0.2386, 0.3159

Monochromacy



Original Color

60.3756, 0.2426, 0.3327



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

51.0948, 0.2793, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3756, 0.2426, 0.3327 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(95, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(95, 223, 220)  
}
```

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(95, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 60.3756, 0.2426, 0.3327 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(95, 223, 220) }
```

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

```
.border{ border-color:rgb(95, 223, 220) }
```

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

Here you see how a box with a 4 pixel rgb(95, 223, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(95, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3756, 0.2426, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 223, 220) }
```

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

```
.background{ background-color: rgb(95, 223,  
220) }
```

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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