

Converting Colors

Yxy(59.0552, 0.2721, 0.3745)

Have a look what the booklet for
Yxy(59.0552, 0.2721, 0.3745)
contains.

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Color

Yxy(59.0915, 0.2723, 0.3749)

Conversions

Conversions Part 1

Format	Color
Hex	7DDCBA
RGB	125, 220, 186
RGB Percent	49%, 86%, 73%
CMY	0.5096, 0.1373, 0.2705
CMYK	0.43, 0.00, 0.15, 0.14
HSL	159°, 58%, 68%
HSV	159°, 43%, 86%
XYZ	42.9198, 59.0915, 55.6081
YIQ	187.7190, -45.7060, -30.7140

Conversions

Conversions Part 2

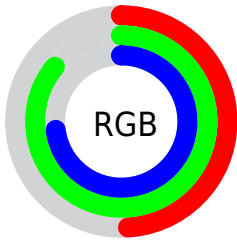
Format	Color
RYB	125, 183, 220
Decimal	8248506
CIELab	81.34, -35.98, 7.96
CIElCh	81, 36.850, 167.518
Yxy	59.0915, 0.2723, 0.3749
Android (android.graphics.Color)	4286438586 (0xFF7DDCBA)
YUV	187.7190, -0.8475, -55.0046
Hunter-Lab	76.8710, -34.8615, 10.9196

Details

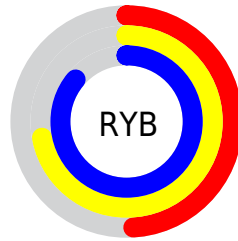
The Yxy color **59.0915, 0.2723, 0.3749** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **32.3979, 0.3839, 0.2885**, and the grayscale version is **50.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8759, 0.2775, 0.3430**, and **29.4733, 0.2611, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **57.2910, 0.2656, 0.3878**, and if you desaturate by 10%, it is **61.2819, 0.2803, 0.3627**.

Distribution



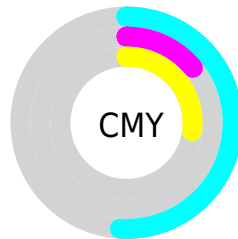
- Red (49%)
- Green (86%)
- Blue (73%)



- Red (49%)
- Yellow (72%)
- Blue (86%)



- Cyan (43%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)





- Cyan (51%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0915, 0.2723, 0.3749 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 59.0915, 0.2723, 0.3749 by changing the saturation by 10% instead.


 59.0915, 0.2723,
0.3749


 59.0915, 0.2723,
0.3749


421.2409, 0.2920,
0.3522

 42.6868, 0.2675,
0.3805

 103.5106, 0.2793,
0.3667

 29.6394, 0.2615,
0.3876


 132.2938, 0.2820,
0.3636

 19.5651, 0.2537,
0.3970


 165.9720, 0.2843,
0.3610

 12.0793, 0.2431,
0.4100

204.9295, 0.2862,
0.3587

 6.7977, 0.2278,
0.4289

249.5508, 0.2880,
0.3568

 3.3359, 0.2043,
0.4592

300.2202, 0.2895,

 1.3095, 0.1294,

0.3551

0.5378

357.3221, 0.2908,
0.3536

■ 0.1486, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0915, 0.2723,
0.3749

■ 59.0915, 0.2723,
0.3749

■ 57.2910, 0.2656,
0.3878

■ 61.2819, 0.2803,
0.3627

■ 55.8485, 0.2607,
0.4013


■ 63.8776, 0.2894,
0.3514


■ 54.7387, 0.2576,
0.4152


■ 66.9017, 0.2992,
0.3411

■ 53.9295, 0.2565,
0.4291


■ 70.3735, 0.3094,
0.3318


 53.3823, 0.2574,
0.4428

 74.3112, 0.3199,
0.3234

 53.1157, 0.2589,
0.4521

 78.3421, 0.3289,
0.3159

 78.8028, 0.3235,
0.3082

 79.2838, 0.3183,
0.3006

 79.6644, 0.3143,
0.2950

Harmonies

Analogous

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



59.0915, 0.3173, 0.4081



59.0915, 0.2723, 0.3749



59.0915, 0.2397, 0.3278

Triad

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



59.0915, 0.2723, 0.3749



59.0915, 0.2600, 0.2529



59.0915, 0.4078, 0.3609

Complementary

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



59.0915, 0.2723, 0.3749



32.3979, 0.3839, 0.2885

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.



59.0915, 0.3907, 0.3229



59.0915, 0.2723, 0.3749



59.0915, 0.3023, 0.2634

Square

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



59.0915, 0.2723, 0.3749



59.0915, 0.2332, 0.2599



59.0915, 0.3508, 0.2884



59.0915, 0.3969, 0.3947

Rectangle

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



59.0915, 0.2723, 0.3749



59.0915, 0.2283, 0.2983



59.0915, 0.3508, 0.2884



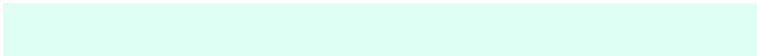
59.0915, 0.4052, 0.3483

Sweetspot

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



59.0939, 0.2723, 0.3749



93.5053, 0.2992, 0.3410



60.1256, 0.3300, 0.4534



19.8012, 0.2970, 0.3433



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.



59.0939, 0.2723, 0.3749



80.2188, 0.2661, 0.3869



54.3193, 0.2516, 0.3122



14.7463, 0.3029, 0.3375



31.1962, 0.2583, 0.4500



2.0373, 0.2522, 0.4279

Inverse Universe

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



32.3979, 0.3839, 0.2885



38.1741, 0.4078, 0.2806



34.7896, 0.4186, 0.3446



13.1281, 0.3236, 0.3207



9.2782, 0.5535, 0.2823



0.6172, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 59.0915, 0.2723, 0.3749 looks on a white background.

Color Contrast Check

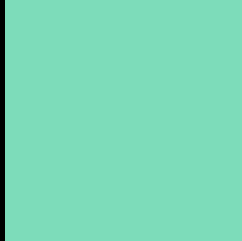
Large Text (above 18pt) WCAG AA × Fail

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 59.0915, 0.2723, 0.3749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

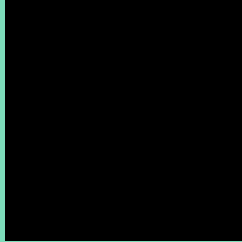
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

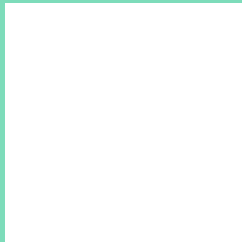
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0915, 0.2723, 0.3749

Background



This preview shows how black text looks on a background with the Yxy color 59.0915, 0.2723, 0.3749.

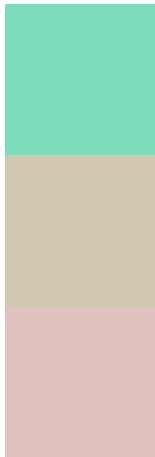


This preview shows how white text looks on a background with the Yxy color 59.0915, 0.2723, 0.3749.

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

59.0915, 0.2723, 0.3749

Protanopia

58.1448, 0.3387, 0.3576

Deuteranopia

58.2366, 0.3388, 0.3314



Tritanopia

59.1810, 0.2535, 0.3076

Trichromacy



Original Color

59.0915, 0.2723, 0.3749



Protanomaly

57.5046, 0.3104, 0.3632



Deuteranomaly

57.1209, 0.3104, 0.3451



Tritanomaly

59.0046, 0.2601, 0.3301

Monochromacy



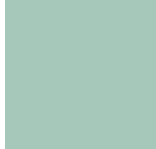
Original Color

59.0915, 0.2723, 0.3749



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

52.8957, 0.2953, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0915, 0.2723, 0.3749 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(125, 220, 186)` looks like.

```
.text, #text, p{  
    color:rgb(125, 220, 186)  
}
```

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(125, 220, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 220, 186) }
```

Border

The CSS property to change the border of an element to Yxy 59.0915, 0.2723, 0.3749 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(125, 220, 186) }
```

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

```
.border{ border-color:rgb(125, 220, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 220, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 220, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 220, 186);  
box-shadow:4px 4px 4px 4px rgb(125, 220,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0915, 0.2723, 0.3749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 220, 186) }
```

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

```
.background{ background-color: rgb(125,  
220, 186) }
```

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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