Converting Colors

Yxy(42.0609, 0.2570, 0.3286)

Have a look what the booklet for Yxy(42.0609, 0.2570, 0.3286) contains.

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Color

Yxy(41.9780, 0.2574, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	6EBABA
RGB	110, 186, 186
RGB Percent	43%, 73%, 73%
CMY	0.5682, 0.2706, 0.2705
CMYK	0.41, 0.00, 0.00, 0.27
HSL	180°, 35%, 58%
HSV	180°, 41%, 73%
XYZ	32.8623, 41.9780, 52.8300
YIQ	163.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

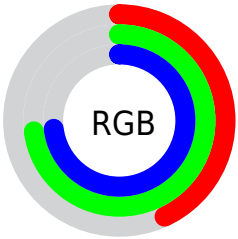
Format	Color
RYB	110, 148, 186
Decimal	7256762
CIELab	70.86, -23.45, -7.41
CIELCh	71, 24.588, 197.532
Yxy	41.9780, 0.2574, 0.3288
Android (android.graphics.Color)	4285446842 (0xFF6EBABA)
YUV	163.2760, 11.2029, -46.7231
Hunter-Lab	64.7904, -22.8463, -2.9916

Details

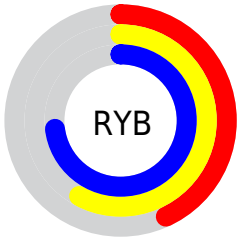
The Yxy color 41.9780, 0.2574, 0.3288 is a light color, and the websafe version is hex 66CCCC. A complement of this color would be 22.7479, 0.4150, 0.3293, and the grayscale version is 36.7370, 0.3127, 0.3290.

A 20% lighter version of the original color is 77.9144, 0.2672, 0.3289, and 19.2528, 0.2415, 0.3288 is the 20% darker color. If you saturate the color by 10%, you get 40.9054, 0.2474, 0.3288, and if you desaturate by 10%, it is 43.3044, 0.2690, 0.3288.

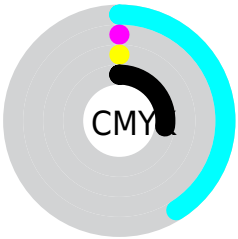
Distribution



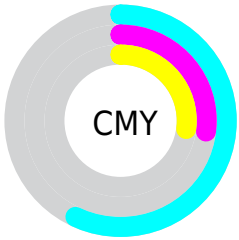
- Red (43%)
- Green (73%)
- Blue (73%)



- Red (43%)
- Yellow (58%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (57%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9780, 0.2574, 0.3288 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 41.9780, 0.2574, 0.3288 by changing the saturation by 10% instead.

41.9780, 0.2574, 0.3288

41.9780, 0.2574, 0.3288

354.3917, 0.2851, 0.3294

29.0841, 0.2505, 0.3285

78.1663, 0.2675, 0.3292

19.1444, 0.2416, 0.3279

102.2295, 0.2712, 0.3292

11.7747, 0.2299, 0.3270

130.7846, 0.2744, 0.3293

6.5904, 0.2136, 0.3254

164.2159, 0.2772, 0.3294

3.2073, 0.1896, 0.3221

202.9079, 0.2796, 0.3294

1.2409, 0.1454, 0.3166

247.2449, 0.2816,

0.0947, 0.0000,

0.3294

0.1324

297.6114, 0.2835, 0.3294

0.0000, 0.0000, 0.0000

41.9780, 0.2574, 0.3288

41.9780, 0.2574, 0.3288

40.9054, 0.2474, 0.3288

43.3044, 0.2690, 0.3288

40.0658, 0.2392, 0.3287

44.8942, 0.2821, 0.3289

39.4434, 0.2330, 0.3287

46.7622, 0.2964, 0.3289

39.0180, 0.2286, 0.3287

48.9208, 0.3115, 0.3290

38.7660, 0.2259, 0.3287

51.3819, 0.3271, 0.3291

38.6437, 0.2246, 0.3286

54.1563, 0.3431, 0.3291

57.2547, 0.3591, 0.3292

59.9372, 0.3717, 0.3292

59.9397, 0.3717, 0.3292

Harmonies

Analogous

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

41.9780, 0.2827, 0.3628

41.9780, 0.2574, 0.3288

41.9780, 0.2466, 0.2973

Triad

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

41.9780, 0.2574, 0.3288

41.9780, 0.3053, 0.2787

41.9780, 0.3761, 0.3793

Complementary

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

41.9780, 0.2574, 0.3288

22.7479, 0.4150, 0.3293

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.

41.9780, 0.3837, 0.3544

41.9780, 0.2574, 0.3288

41.9780, 0.3415, 0.2981

Square

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

41.9780, 0.2574, 0.3288

41.9780, 0.2730, 0.2708

41.9780, 0.3708, 0.3251

41.9780, 0.3513, 0.3924

Rectangle

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

41.9780, 0.2574, 0.3288

41.9780, 0.2485, 0.2822

41.9780, 0.3708, 0.3251

41.9780, 0.3808, 0.3720

Sweetspot

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

41.9796, 0.2574, 0.3288

84.2468, 0.2943, 0.3289

39.5719, 0.3069, 0.4528

18.4506, 0.2924, 0.3289

95.5105, 0.3127, 0.3290

19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

41.9796, 0.2574, 0.3288

74.3087, 0.2483, 0.3288

28.0651, 0.2479, 0.2686

10.2102, 0.2985, 0.3290

25.9953, 0.2246, 0.3286

0.9166, 0.2246, 0.3287

Inverse Universe

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

25.1594, 0.3174, 0.2301

39.6473, 0.3183, 0.2106

32.7662, 0.3926, 0.3820

9.1627, 0.3138, 0.3065

9.4066, 0.3210, 0.1542

0.3316, 0.3210, 0.1542

Previews

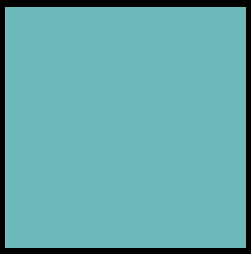
White Background

This preview shows how the Yxy color 41.9780, 0.2574, 0.3288 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



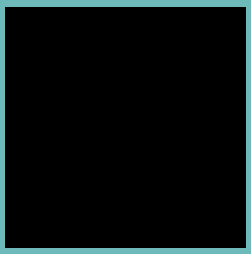
This preview shows how the Yxy color 41.9780, 0.2574, 0.3288 looks on a black background.

Color Contrast Check

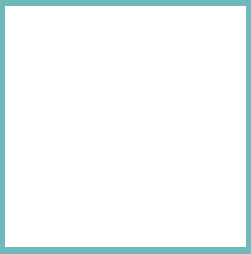
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 41.9780, 0.2574, 0.3288 Background



This preview shows how black text looks on a background with the Yxy color 41.9780, 0.2574, 0.3288.



This preview shows how white text looks on a background with the Yxy color 41.9780, 0.2574, 0.3288.

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

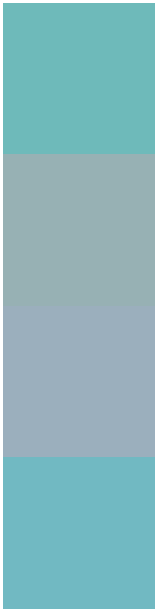
Original Color
41.9780, 0.2574, 0.3288

Protanopia
41.6780, 0.3104, 0.3222

Deuteranopia
41.5467, 0.3060, 0.3002

Tritanopia
41.9819, 0.2516, 0.3071

Trichromacy



Original Color
41.9780, 0.2574, 0.3288

Protanomaly
41.3189, 0.2886, 0.3247

Deuteranomaly
41.3026, 0.2850, 0.3095

Tritanomaly
42.1037, 0.2541, 0.3157

Monochromacy

Original Color
41.9780, 0.2574, 0.3288

Achromatopsia
36.6253, 0.3127, 0.3290

Achromatomaly
37.9954, 0.2893, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9780, 0.2574, 0.3288 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, 186, 186) looks like.

```
.text, #text, p{
    color:rgb(110, 186, 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(110, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 186, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.9780, 0.2574, 0.3288 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, 186, 186) }
```

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

```
.border{ border-color:rgb(110, 186, 186) }
```

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

Here you see how a box with a 4 pixel rgb(110, 186, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 186, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 186, 186); box-shadow:4px 4px 4px 4px rgb(110, 186, 186) }
```

Background

The CSS property to change the background color of an element to Yxy 41.9780, 0.2574, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(110, 186, 186) }
```

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

```
.background{ background-color:rgb(110,
186, 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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