Converting Colors

Yxy(41.0674, 0.2706, 0.3199)

Have a look what the booklet for Yxy(41.0674, 0.2706, 0.3199) contains.

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Color

Yxy(41.0932, 0.2704, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	84B4BA
RGB	132, 180, 186
RGB Percent	52%, 71%, 73%
CMY	0.4822, 0.2941, 0.2707
CMYK	0.29, 0.03, 0.00, 0.27
HSL	187°, 28%, 62%
HSV	187°, 29%, 73%
XYZ	34.7021, 41.0932, 52.5408
YIQ	166.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

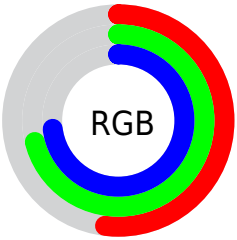
Format	Color
RYB	132, 157, 186
Decimal	8697018
CIELab	70.24, -14.37, -8.18
CIELCh	70, 16.532, 209.653
Yxy	41.0932, 0.2704, 0.3202
Android (android.graphics.Color)	4286887098 (0xFF84B4BA)
YUV	166.3320, 9.6963, -30.1092
Hunter-Lab	64.1040, -15.5527, -3.7224

Details

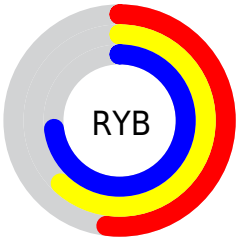
The Yxy color 41.0932, 0.2704, 0.3202 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 30.2843, 0.3734, 0.3376, and the grayscale version is 38.2694, 0.3127, 0.3290.

A 20% lighter version of the original color is 76.8408, 0.2779, 0.3222, and 18.5777, 0.2578, 0.3166 is the 20% darker color. If you saturate the color by 10%, you get 38.9007, 0.2576, 0.3167, and if you desaturate by 10%, it is 43.5687, 0.2843, 0.3235.

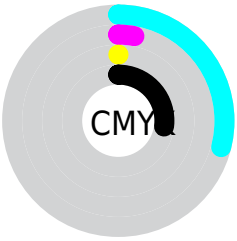
Distribution



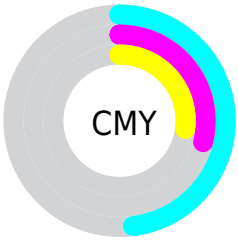
- Red (52%)
- Green (71%)
- Blue (73%)



- Red (52%)
- Yellow (62%)
- Blue (73%)



- Cyan (29%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (48%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0932, 0.2704, 0.3202 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 41.0932, 0.2704, 0.3202 by changing the saturation by 10% instead.

41.0932, 0.2704, 0.3202

350.7100, 0.2917, 0.3250

76.8254, 0.2782, 0.3221

100.6250, 0.2811, 0.3227

128.8929, 0.2836, 0.3233

162.0135, 0.2857, 0.3237

200.3711, 0.2875, 0.3241

244.3501, 0.2891,

41.0932, 0.2704, 0.3202

28.3919, 0.2650, 0.3189

18.6213, 0.2581, 0.3171

11.3970, 0.2489, 0.3145

6.3345, 0.2359, 0.3107

3.0495, 0.2165, 0.3043

1.1576, 0.1836, 0.2924

0.0267, 0.0000,

0.3245

0.0425

294.3349, 0.2905, 0.3248

0.0000, 0.0000, 0.0000

41.0932, 0.2704, 0.3202

41.0932, 0.2704, 0.3202

38.9007, 0.2576, 0.3167

43.5687, 0.2843, 0.3235

36.9719, 0.2461, 0.3131

46.3354, 0.2990, 0.3265

35.2929, 0.2363, 0.3094

49.4072, 0.3143, 0.3293

33.8465, 0.2283, 0.3055

52.7958, 0.3297, 0.3318

32.6132, 0.2222, 0.3017

56.5122, 0.3452, 0.3340

31.5698, 0.2179, 0.2979

30.6757, 0.2152, 0.2941

30.5890, 0.2149, 0.2937

60.5668, 0.3604, 0.3360

63.5737, 0.3694, 0.3380

64.4996, 0.3688, 0.3401

65.4383, 0.3683, 0.3422

Harmonies

Analogous

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

41.0932, 0.2844, 0.3430

41.0932, 0.2704, 0.3202

41.0932, 0.2673, 0.3011

Triad

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

41.0932, 0.2704, 0.3202

41.0932, 0.3179, 0.2988

41.0932, 0.3503, 0.3682

Complementary

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

41.0932, 0.2704, 0.3202

30.2843, 0.3734, 0.3376

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.

41.0932, 0.3602, 0.3545

41.0932, 0.2704, 0.3202

41.0932, 0.3412, 0.3151

Square

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

41.0932, 0.2704, 0.3202

41.0932, 0.2940, 0.2898

41.0932, 0.3569, 0.3351

41.0932, 0.3303, 0.3715

Rectangle

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

41.0932, 0.2704, 0.3202

41.0932, 0.2717, 0.2929

41.0932, 0.3569, 0.3351

41.0932, 0.3549, 0.3646

Sweetspot

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

41.0948, 0.2704, 0.3202

83.9345, 0.2988, 0.3264

41.8336, 0.3050, 0.4034

18.3148, 0.2966, 0.3260

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.

41.0948, 0.2704, 0.3202

71.8384, 0.2618, 0.3179

31.4371, 0.2662, 0.2801

10.0361, 0.2985, 0.3264

20.6542, 0.2151, 0.2942

0.7769, 0.2178, 0.3040

Inverse Universe

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

30.2449, 0.3221, 0.2652

49.0674, 0.3246, 0.2507

38.7971, 0.3634, 0.3734

9.1451, 0.3154, 0.3089

8.8674, 0.3505, 0.1705

0.3175, 0.3419, 0.1657

Previews

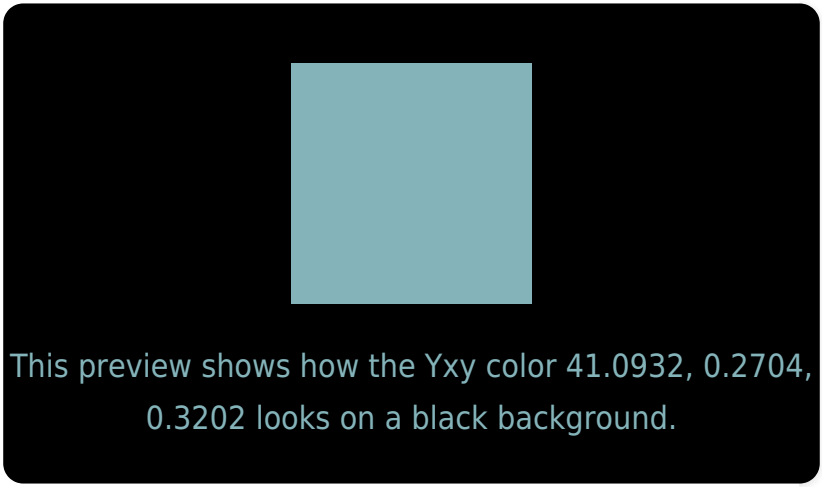
White Background

This preview shows how the Yxy color 41.0932, 0.2704, 0.3202 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



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 41.0932, 0.2704, 0.3202

Background

This preview shows how black text looks on a background with the Yxy color 41.0932, 0.2704, 0.3202.

This preview shows how white text looks on a background with the Yxy color 41.0932, 0.2704, 0.3202.

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
41.0932, 0.2704, 0.3202

Protanopia
40.8154, 0.3062, 0.3154

Deuteranopia
41.0149, 0.3060, 0.3000

Tritanopia
41.1588, 0.2670, 0.3089

Trichromacy

Original Color
41.0932, 0.2704, 0.3202

Protanomaly
40.8176, 0.2918, 0.3177

Deuteranomaly
40.9224, 0.2921, 0.3070

Tritanomaly
40.9445, 0.2682, 0.3130

Monochromacy

Original Color
41.0932, 0.2704, 0.3202

Achromatopsia
38.1326, 0.3127, 0.3290

Achromatomaly
39.0130, 0.2961, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0932, 0.2704, 0.3202 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(132, 180, 186) looks like.

```
.text, #text, p{
    color:rgb(132, 180, 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(132, 180, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 180, 186) }
```

Border

The CSS property to change the border of an element to Yxy 41.0932, 0.2704, 0.3202 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(132, 180, 186) }
```

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

```
.border{ border-color:rgb(132, 180, 186) }
```

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

Here you see how a box with a 4 pixel rgb(132, 180, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(132, 180, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(132, 180, 186); box-shadow:4px 4px 4px 4px rgb(132, 180, 186) }
```

Background

The CSS property to change the background color of an element to Yxy 41.0932, 0.2704, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(132, 180, 186) }
```

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

```
.background{ background-color:rgb(132,
180, 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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