

Converting Colors

$Yxy(41.7341, 0.2791, 0.3080)$

Have a look what the booklet for
Yxy(41.7341, 0.2791, 0.3080)
contains.

Yxy(41.7341, 0.2791, 0.3080)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.7341, 0.2791, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	96B1C0
RGB	150, 177, 192
RGB Percent	59%, 69%, 75%
CMY	0.4117, 0.3059, 0.2469
CMYK	0.22, 0.08, 0.00, 0.25
HSL	201°, 25%, 67%
HSV	201°, 22%, 75%
XYZ	37.8181, 41.7341, 55.9481
YIQ	170.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

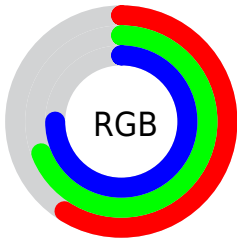
Format	Color
RYB	150, 166, 192
Decimal	9875904
CIELab	70.69, -5.90, -10.73
CIELCh	71, 12.244, 241.205
Yxy	41.7341, 0.2791, 0.3080
Android (android.graphics.Color)	4288065984 (0xFF96B1C0)
YUV	170.6370, 10.5320, -18.0986
Hunter-Lab	64.6019, -8.5590, -6.1264

Details

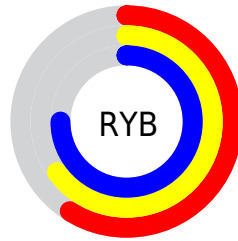
The Yxy color **41.7341, 0.2791, 0.3080** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3388, 0.3523, 0.3491**, and the grayscale version is **40.4898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0343, 0.2857, 0.3129**, and **18.8761, 0.2685, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **37.4147, 0.2638, 0.2969**, and if you desaturate by 10%, it is **46.4920, 0.2945, 0.3182**.

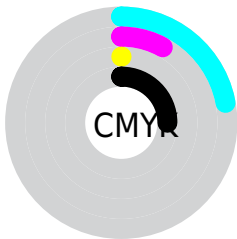
Distribution



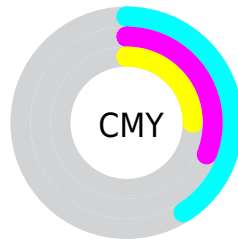
- Red (59%)
- Green (69%)
- Blue (75%)



- Red (59%)
- Yellow (65%)
- Blue (75%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (41%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.7341, 0.2791, 0.3080 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 41.7341, 0.2791, 0.3080 by changing the saturation by 10% instead.

■ 41.7341, 0.2791,
0.3080

■ 41.7341, 0.2791,
0.3080

■ 353.3795, 0.2960,
0.3188

■ 28.8931, 0.2748,
0.3052

■ 77.7970, 0.2853,
0.3120

■ 19.0000, 0.2693,
0.3016

■ 101.7878, 0.2876,
0.3135

■ 11.6703, 0.2620,
0.2966

■ 130.2640, 0.2896,
0.3147

■ 6.5196, 0.2517,
0.2895

■ 163.6099, 0.2912,
0.3158

■ 3.1635, 0.2362,
0.2785

■ 202.2101, 0.2927,
0.3167

■ 1.2177, 0.2106,
0.2595

■ 246.4488, 0.2939,

■ 0.0761, 0.0000,

0.3175

0.0837

296.7104, 0.2951,
0.3182

0.0000, 0.0000,
0.0000

41.7341, 0.2791,
0.3080

41.7341, 0.2791,
0.3080

37.4147, 0.2638,
0.2969

46.4920, 0.2945,
0.3182

33.5123, 0.2491,
0.2849

51.6989, 0.3099,
0.3274

30.0108, 0.2352,
0.2722

57.3711, 0.3249,
0.3356

26.8909, 0.2225,
0.2589

63.5224, 0.3393,
0.3430

24.1310, 0.2115,
0.2453

70.1660, 0.3532,
0.3495

■ 21.7070, 0.2024,
0.2315

■ 75.3225, 0.3586,
0.3559

■ 19.5904, 0.1954,
0.2179

■ 78.9644, 0.3569,
0.3627

■ 18.0555, 0.1909,
0.2071

■ 82.7558, 0.3553,
0.3694

■ 86.6984, 0.3538,
0.3760

Harmonies

Analogous

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



41.7341, 0.2810, 0.3219



41.7341, 0.2791, 0.3080



41.7341, 0.2859, 0.3002

Triad

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



41.7341, 0.2791, 0.3080



41.7341, 0.3345, 0.3195



41.7341, 0.3250, 0.3599

Complementary

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



41.7341, 0.2791, 0.3080



40.3388, 0.3523, 0.3491

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.



41.7341, 0.3398, 0.3583



41.7341, 0.2791, 0.3080



41.7341, 0.3455, 0.3346

Square

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



41.7341, 0.2791, 0.3080



41.7341, 0.3176, 0.3070



41.7341, 0.3475, 0.3488



41.7341, 0.3071, 0.3526

Rectangle

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



41.7341, 0.2791, 0.3080



41.7341, 0.2946, 0.2992



41.7341, 0.3475, 0.3488



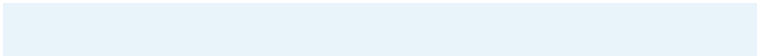
41.7341, 0.3305, 0.3604

Sweetspot

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



41.7358, 0.2791, 0.3080



88.6059, 0.3019, 0.3227



46.9039, 0.2994, 0.3676



18.8869, 0.3009, 0.3221



97.7402, 0.3127, 0.3290



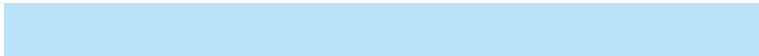
20.4902, 0.3127, 0.3290

Same Dimension

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



41.7358, 0.2791, 0.3080



71.9510, 0.2721, 0.3031



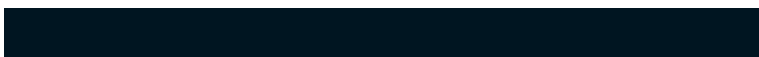
34.1750, 0.2770, 0.2781



10.8026, 0.2984, 0.3206



12.2968, 0.1913, 0.2088



0.6577, 0.1996, 0.2387

Inverse Universe

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



36.2011, 0.3294, 0.2938



60.4996, 0.3336, 0.2862



48.4157, 0.3469, 0.3753



10.1844, 0.3191, 0.3143



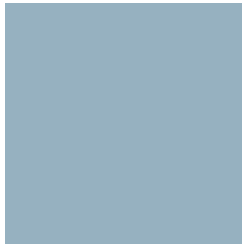
8.5236, 0.4355, 0.2173



0.3810, 0.4037, 0.1997

Previews

White Background



This preview shows how the Yxy color 41.7341, 0.2791, 0.3080 looks on a white background.

Color Contrast Check

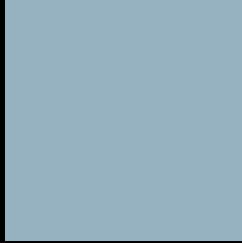
Large Text (above 18pt) WCAG AA × Fail

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 41.7341, 0.2791, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

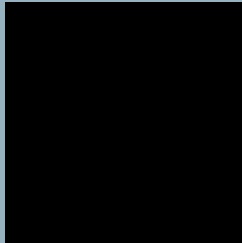
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

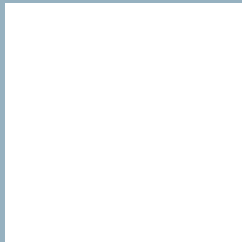
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7341, 0.2791, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 41.7341, 0.2791, 0.3080.



This preview shows how white text looks on a background with the Yxy color 41.7341, 0.2791, 0.3080.

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

41.7341, 0.2791, 0.3080

Protanopia

41.4579, 0.2981, 0.3048

Deuteranopia

41.4840, 0.3010, 0.2950



Tritanopia

41.6899, 0.2798, 0.3094

Trichromacy



Original Color

41.7341, 0.2791, 0.3080

Protanomaly

41.3914, 0.2906, 0.3058

Deuteranomaly

41.3009, 0.2924, 0.2994

Tritanomaly

41.6899, 0.2798, 0.3094

Monochromacy



Original Color

41.7341, 0.2791, 0.3080

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9283, 0.2991, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7341, 0.2791, 0.3080 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(150, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(150, 177, 192)  
}
```

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(150, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 177, 192) }
```

Border

The CSS property to change the border of an element to Yxy 41.7341, 0.2791, 0.3080 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(150, 177, 192) }
```

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

```
.border{ border-color:rgb(150, 177, 192) }
```

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

Here you see how a box with a 4 pixel rgb(150, 177, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(150, 177,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7341, 0.2791, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 177, 192) }
```

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

```
.background{ background-color: rgb(150,  
177, 192) }
```

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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