

Converting Colors

$Yxy(47.4320, 0.2527, 0.3088)$

Have a look what the booklet for
Yxy(47.4320, 0.2527, 0.3088)
contains.

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Color

Yxy(47.2520, 0.2523, 0.3082)

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 79C2D1 |
| RGB | 121, 194, 209 |
| RGB Percent | 47%, 76%, 82% |
| CMY | 0.5255, 0.2392, 0.1805 |
| CMYK | 0.42, 0.07, 0.00, 0.18 |
| HSL | 190°, 49%, 65% |
| HSV | 190°, 42%, 82% |
| XYZ | 38.6816, 47.2520, 67.3824 |
| YIQ | 173.8830, -48.3230, -10.8110 |

Conversions

Conversions Part 2

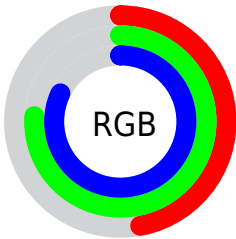
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 121, 161, 209 |
| Decimal | 7979729 |
| CIE Lab | 74.35, -18.91, -14.66 |
| CIE LCh | 74, 23.926, 217.780 |
| Yxy | 47.2520, 0.2523, 0.3082 |
| Android (android.graphics.Color) | 4286169809 (0xFF79C2D1) |
| YUV | 173.8830, 17.3127, -46.3784 |
| Hunter-Lab | 68.7401, -19.8491, -10.0009 |

Details

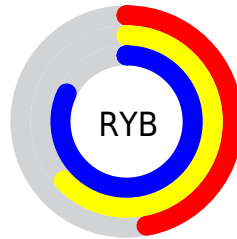
The Yxy color **47.2520, 0.2523, 0.3082** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5275, 0.4126, 0.3483**, and the grayscale version is **42.1921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5615, 0.2681, 0.3245**, and **22.2465, 0.2358, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **44.3410, 0.2406, 0.3024**, and if you desaturate by 10%, it is **50.5315, 0.2653, 0.3137**.

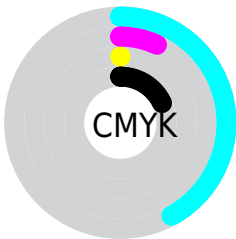
Distribution



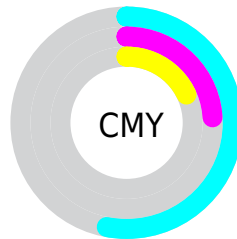
- Red (47%)
- Green (76%)
- Blue (82%)



- Red (47%)
- Yellow (63%)
- Blue (82%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)





- Cyan (53%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2520, 0.2523, 0.3082 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 47.2520, 0.2523, 0.3082 by changing the saturation by 10% instead.


 47.2520, 0.2523,
0.3082

 47.2520, 0.2523,
0.3082


375.8195, 0.2818,
0.3192


 33.2349, 0.2452,
0.3053


 86.0897, 0.2628,
0.3123

 22.3065, 0.2362,
0.3015


 111.6790, 0.2668,
0.3138

 14.0823, 0.2246,
0.2963


 141.8946, 0.2702,
0.3151

 8.1779, 0.2089,
0.2889

177.1208, 0.2732,
0.3162

 4.2090, 0.1867,
0.2774

217.7420, 0.2757,
0.3171

 1.7911, 0.1534,
0.2578

264.1426, 0.2780,

 0.4816, 0.0000,

0.3179

0.2233

316.7069, 0.2800,
0.3186

0.0000, 0.0000,
0.0000

47.2520, 0.2523,
0.3082

47.2520, 0.2523,
0.3082

44.3410, 0.2406,
0.3024

50.5315, 0.2653,
0.3137

41.7714, 0.2306,
0.2964

54.1936, 0.2794,
0.3189

39.5209, 0.2224,
0.2903

58.2584, 0.2942,
0.3237

37.5619, 0.2161,
0.2842

62.7427, 0.3095,
0.3281

35.8612, 0.2117,
0.2781

67.6625, 0.3249,
0.3321

■ 34.6547, 0.2093,
0.2733

■ 73.0327, 0.3403,
0.3357

■ 76.4647, 0.3462,
0.3392

■ 78.3376, 0.3455,
0.3427

■ 80.2503, 0.3449,
0.3463

Harmonies

Analogous

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



47.2520, 0.2673, 0.3395



47.2520, 0.2523, 0.3082



47.2520, 0.2525, 0.2850

Triad

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



47.2520, 0.2523, 0.3082



47.2520, 0.3289, 0.2931



47.2520, 0.3578, 0.3860

Complementary

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



47.2520, 0.2523, 0.3082



32.5275, 0.4126, 0.3483

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.



47.2520, 0.3764, 0.3696



47.2520, 0.2523, 0.3082



47.2520, 0.3594, 0.3167

Square

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



47.2520, 0.2523, 0.3082



47.2520, 0.2952, 0.2780



47.2520, 0.3772, 0.3442



47.2520, 0.3276, 0.3868

Rectangle

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



47.2520, 0.2523, 0.3082



47.2520, 0.2611, 0.2766



47.2520, 0.3772, 0.3442



47.2520, 0.3657, 0.3820

Sweetspot

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



47.2538, 0.2523, 0.3082



90.7016, 0.2926, 0.3232



51.4183, 0.2981, 0.4367



19.1004, 0.2893, 0.3222



0.0000, 0.0000, 0.0000



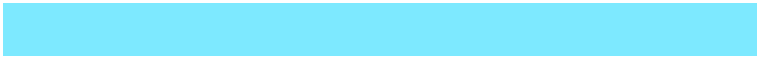
21.4041, 0.3127, 0.3290

Same Dimension

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



47.2538, 0.2523, 0.3082



69.7881, 0.2412, 0.3027



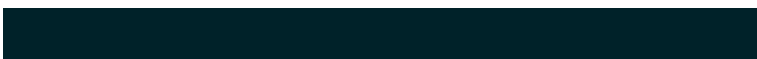
30.5818, 0.2417, 0.2436



13.0506, 0.2983, 0.3249



21.5007, 0.2095, 0.2742



1.2949, 0.2126, 0.2853

Inverse Universe

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



31.1201, 0.3328, 0.2417



41.7911, 0.3387, 0.2237



47.4305, 0.3889, 0.4012



11.9731, 0.3163, 0.3099



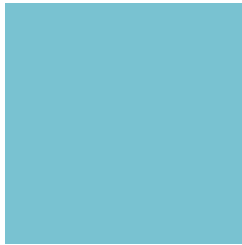
10.2418, 0.3688, 0.1806



0.5820, 0.3586, 0.1749

Previews

White Background



This preview shows how the Yxy color 47.2520, 0.2523, 0.3082 looks on a white background.

Color Contrast Check

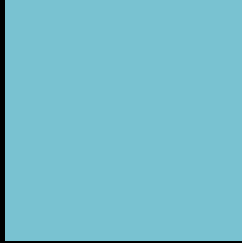
Large Text (above 18pt) WCAG AA × Fail

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 47.2520, 0.2523, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

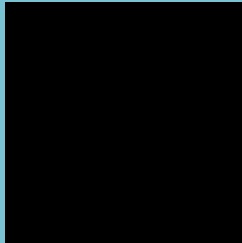
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

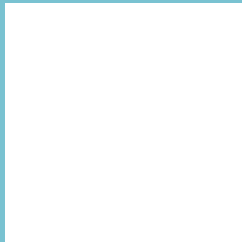
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2520, 0.2523, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 47.2520, 0.2523, 0.3082.



This preview shows how white text looks on a background with the Yxy color 47.2520, 0.2523, 0.3082.

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

47.2520, 0.2523, 0.3082

Protanopia

46.9212, 0.2973, 0.3047

Deuteranopia

46.9085, 0.2924, 0.2868



Tritanopia

47.3017, 0.2517, 0.3068

Trichromacy



Original Color

47.2520, 0.2523, 0.3082

Protanomaly

46.8005, 0.2792, 0.3064

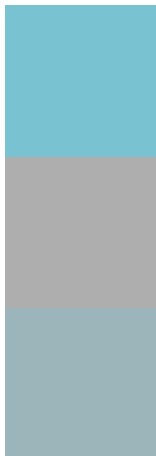
Deuteranomaly

46.6655, 0.2758, 0.2939

Tritanomaly

47.3017, 0.2517, 0.3068

Monochromacy



Original Color

47.2520, 0.2523, 0.3082

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.6042, 0.2869, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2520, 0.2523, 0.3082 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(121, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(121, 194, 209)  
}
```

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(121, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 47.2520, 0.2523, 0.3082 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(121, 194, 209) }
```

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

```
.border{ border-color:rgb(121, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(121, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2520, 0.2523, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 194, 209) }
```

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

```
.background{ background-color: rgb(121,  
194, 209) }
```

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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