

Converting Colors

$Yxy(47.5280, 0.2745, 0.3141)$

Have a look what the booklet for
Yxy(47.5280, 0.2745, 0.3141)
contains.

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Color

Yxy(47.5280, 0.2745, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	96BEC9
RGB	150, 190, 201
RGB Percent	59%, 75%, 79%
CMY	0.4117, 0.2549, 0.2117
CMYK	0.25, 0.05, 0.00, 0.21
HSL	193°, 32%, 69%
HSV	193°, 25%, 79%
XYZ	41.5359, 47.5280, 62.2509
YIQ	179.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

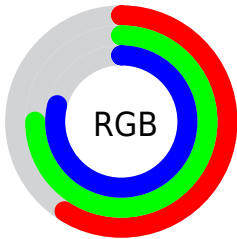
Format	Color
RYB	150, 172, 201
Decimal	9879241
CIELab	74.53, -10.77, -9.91
CIELCh	75, 14.638, 222.633
Yxy	47.5280, 0.2745, 0.3141
Android (android.graphics.Color)	4288069321 (0xFF96BEC9)
YUV	179.2940, 10.7011, -25.6908
Hunter-Lab	68.9406, -13.1017, -5.2784

Details

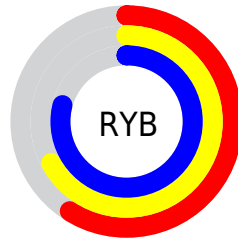
The Yxy color **47.5280, 0.2745, 0.3141** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.1195, 0.3624, 0.3434**, and the grayscale version is **45.1991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1107, 0.2827, 0.3195**, and **22.5946, 0.2644, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **43.9312, 0.2604, 0.3073**, and if you desaturate by 10%, it is **51.5118, 0.2893, 0.3204**.

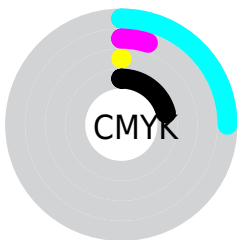
Distribution



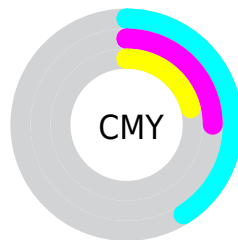
- Red (59%)
- Green (75%)
- Blue (79%)



- Red (59%)
- Yellow (67%)
- Blue (79%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)



- Cyan (41%)
- Magenta (25%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5280, 0.2745, 0.3141 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 47.5280, 0.2745, 0.3141 by changing the saturation by 10% instead.

■ 47.5280, 0.2745,
0.3141

■ 47.5280, 0.2745,
0.3141

■ 376.9182, 0.2933,
0.3218

■ 33.4533, 0.2699,
0.3121

■ 86.5012, 0.2813,
0.3169

■ 22.4739, 0.2640,
0.3096

■ 112.1685, 0.2838,
0.3180

■ 14.2055, 0.2564,
0.3061

■ 142.4687, 0.2860,
0.3189

■ 8.2637, 0.2458,
0.3011

■ 177.7863, 0.2879,
0.3196

■ 4.2642, 0.2305,
0.2936

■ 218.5057, 0.2895,
0.3203

■ 1.8224, 0.2065,
0.2807

■ 265.0112, 0.2909,

■ 0.5011, 0.1078,

0.3208

0.2531

317.6872, 0.2922,
0.3213

0.0000, 0.0000,
0.0000

47.5280, 0.2745,
0.3141

47.5280, 0.2745,
0.3141

43.9312, 0.2604,
0.3073

51.5118, 0.2893,
0.3204

40.6983, 0.2474,
0.3002

55.8928, 0.3045,
0.3261

37.8128, 0.2356,
0.2926

60.6878, 0.3198,
0.3313

35.2540, 0.2255,
0.2848

65.9111, 0.3350,
0.3360

32.9989, 0.2173,
0.2769

71.5760, 0.3499,
0.3402

■ 31.0207, 0.2110,
0.2690

■ 74.6118, 0.3525,
0.3445

■ 29.2870, 0.2066,
0.2611

■ 76.8659, 0.3516,
0.3488

■ 28.5384, 0.2049,
0.2575

■ 79.1793, 0.3507,
0.3531

■ 81.5523, 0.3498,
0.3574

Harmonies

Analogous

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



47.5280, 0.2826, 0.3325



47.5280, 0.2745, 0.3141



47.5280, 0.2762, 0.3006

Triad

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



47.5280, 0.2745, 0.3141



47.5280, 0.3261, 0.3087



47.5280, 0.3380, 0.3645

Complementary

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



47.5280, 0.2745, 0.3141



40.1195, 0.3624, 0.3434

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.



47.5280, 0.3504, 0.3566



47.5280, 0.2745, 0.3141



47.5280, 0.3435, 0.3245

Square

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



47.5280, 0.2745, 0.3141



47.5280, 0.3055, 0.2981



47.5280, 0.3525, 0.3418



47.5280, 0.3190, 0.3625

Rectangle

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



47.5280, 0.2745, 0.3141



47.5280, 0.2827, 0.2959



47.5280, 0.3525, 0.3418



47.5280, 0.3431, 0.3628

Sweetspot

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



47.5299, 0.2745, 0.3141



93.5558, 0.3003, 0.3246



50.8103, 0.3024, 0.3858



19.7765, 0.2980, 0.3237



0.0000, 0.0000, 0.0000



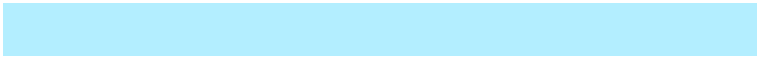
21.4041, 0.3127, 0.3290

Same Dimension

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



47.5299, 0.2745, 0.3141



78.1741, 0.2673, 0.3107



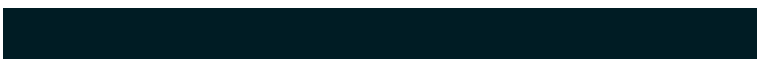
37.7252, 0.2714, 0.2795



11.6638, 0.2984, 0.3239



18.0796, 0.2052, 0.2586



0.9556, 0.2097, 0.2749

Inverse Universe

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



37.9529, 0.3258, 0.2792



59.5015, 0.3290, 0.2690



49.6187, 0.3550, 0.3740



10.7759, 0.3170, 0.3111



9.3651, 0.3837, 0.1887



0.4535, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 47.5280, 0.2745, 0.3141 looks on a white background.

Color Contrast Check

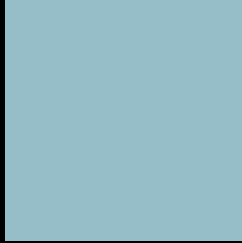
Large Text (above 18pt) WCAG AA × Fail

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 47.5280, 0.2745, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

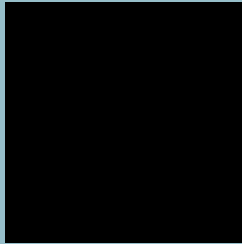
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

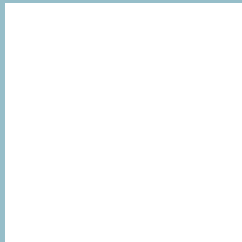
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5280, 0.2745, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 47.5280, 0.2745, 0.3141.

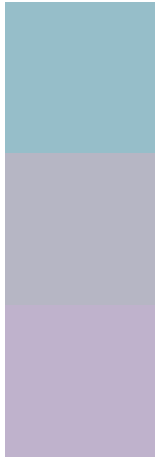


This preview shows how white text looks on a background with the Yxy color 47.5280, 0.2745, 0.3141.

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

47.5280, 0.2745, 0.3141

Protanopia

47.3865, 0.3019, 0.3111

Deuteranopia

47.2768, 0.3033, 0.2968



Tritanopia

47.3823, 0.2725, 0.3076

Trichromacy



Original Color

47.5280, 0.2745, 0.3141

Protanomaly

47.3212, 0.2909, 0.3120

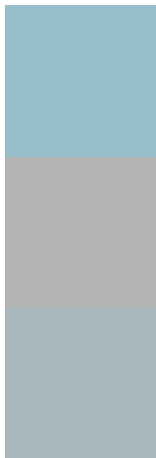
Deuteranomaly

46.9978, 0.2919, 0.3021

Tritanomaly

47.3341, 0.2731, 0.3089

Monochromacy



Original Color

47.5280, 0.2745, 0.3141

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.7797, 0.2973, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5280, 0.2745, 0.3141 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, 190, 201)` looks like.

```
.text, #text, p{  
    color:rgb(150, 190, 201)  
}
```

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, 190, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 190, 201) }
```

Border

The CSS property to change the border of an element to Yxy 47.5280, 0.2745, 0.3141 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, 190, 201) }
```

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

```
.border{ border-color:rgb(150, 190, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 190, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 190, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 190, 201);  
box-shadow:4px 4px 4px 4px rgb(150, 190,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5280, 0.2745, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 190, 201) }
```

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

```
.background{ background-color: rgb(150,  
190, 201) }
```

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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