

Converting Colors

$Y_{xy}(44.7191, 0.2875, 0.3215)$

Have a look what the booklet for
Yxy(44.7191, 0.2875, 0.3215)
contains.

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Color

Yxy(44.7092, 0.2871, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	9DB7BD
RGB	157, 183, 189
RGB Percent	62%, 72%, 74%
CMY	0.3843, 0.2823, 0.2587
CMYK	0.17, 0.03, 0.00, 0.26
HSL	191°, 20%, 68%
HSV	191°, 17%, 74%
XYZ	40.0250, 44.7092, 54.6771
YIQ	175.9100, -17.4220, -3.6460

Conversions

Conversions Part 2

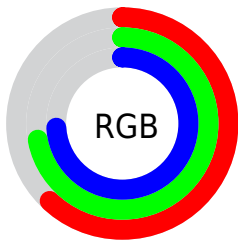
Format	Color
RYB	157, 171, 189
Decimal	10336189
CIELab	72.70, -7.56, -6.04
CIELCh	73, 9.671, 218.630
Yxy	44.7092, 0.2871, 0.3207
Android (android.graphics.Color)	4288526269 (0xFF9DB7BD)
YUV	175.9100, 6.4534, -16.5841
Hunter-Lab	66.8649, -10.1645, -1.6774

Details

The Yxy color **44.7092, 0.2871, 0.3207** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.4579, 0.3433, 0.3372**, and the grayscale version is **43.3406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3226, 0.2920, 0.3226**, and **20.7461, 0.2794, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **41.5068, 0.2726, 0.3152**, and if you desaturate by 10%, it is **48.2465, 0.3021, 0.3258**.

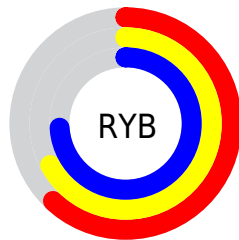
Distribution



Red (62%)

Green (72%)

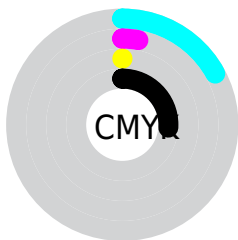
Blue (74%)



Red (62%)

Yellow (67%)

Blue (74%)

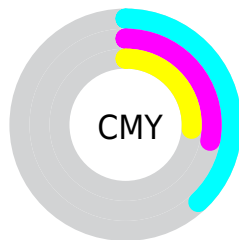


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (26%)



Cyan (38%)

Magenta (28%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7092, 0.2871, 0.3207 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 44.7092, 0.2871, 0.3207 by changing the saturation by 10% instead.

■ 44.7092, 0.2871,
0.3207

■ 44.7092, 0.2871,
0.3207

■ 365.5945, 0.2999,
0.3250

■ 31.2284, 0.2839,
0.3196

■ 82.2839, 0.2918,
0.3223

■ 20.7729, 0.2798,
0.3181

■ 107.1466, 0.2935,
0.3229

■ 12.9581, 0.2743,
0.3161

■ 136.5720, 0.2950,
0.3234

■ 7.3997, 0.2667,
0.3132

■ 170.9446, 0.2962,
0.3238

■ 3.7133, 0.2553,
0.3087

■ 210.6488, 0.2973,
0.3242

■ 1.5145, 0.2366,
0.3008

■ 256.0689, 0.2983,

■ 0.2989, 0.0870,

0.3245

0.2608

307.5893, 0.2992,
0.3248

0.0000, 0.0000,
0.0000

44.7092, 0.2871,
0.3207

44.7092, 0.2871,
0.3207

41.5068, 0.2726,
0.3152

48.2465, 0.3021,
0.3258

38.6199, 0.2589,
0.3093

52.1260, 0.3174,
0.3304

36.0356, 0.2464,
0.3031

56.3617, 0.3327,
0.3345

33.7379, 0.2353,
0.2966

60.9650, 0.3477,
0.3382

31.7089, 0.2258,
0.2899

65.9470, 0.3624,
0.3415

■ 29.9285, 0.2182,
0.2831

■ 68.2767, 0.3643,
0.3450

■ 28.3735, 0.2126,
0.2763

■ 69.9892, 0.3634,
0.3486

■ 27.0118, 0.2087,
0.2696

■ 71.7405, 0.3625,
0.3522

■ 26.6157, 0.2077,
0.2675

■ 73.5309, 0.3616,
0.3558

Harmonies

Analogous

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



44.7092, 0.2935, 0.3332



44.7092, 0.2871, 0.3207



44.7092, 0.2873, 0.3108

Triad

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



44.7092, 0.2871, 0.3207



44.7092, 0.3200, 0.3140



44.7092, 0.3313, 0.3525

Complementary

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



44.7092, 0.2871, 0.3207



39.4579, 0.3433, 0.3372

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.



44.7092, 0.3387, 0.3467



44.7092, 0.2871, 0.3207



44.7092, 0.3321, 0.3245

Square

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



44.7092, 0.2871, 0.3207



44.7092, 0.3061, 0.3073



44.7092, 0.3390, 0.3364



44.7092, 0.3189, 0.3519

Rectangle

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



44.7092, 0.2871, 0.3207



44.7092, 0.2913, 0.3070



44.7092, 0.3390, 0.3364



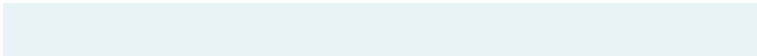
44.7092, 0.3344, 0.3512

Sweetspot

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



44.7110, 0.2871, 0.3207



87.6315, 0.3050, 0.3267



46.2131, 0.3062, 0.3656



18.7431, 0.3039, 0.3263



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.



44.7110, 0.2871, 0.3207



78.0521, 0.2821, 0.3189



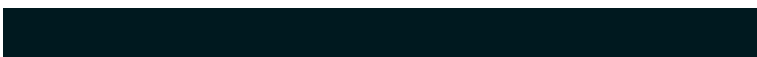
38.5320, 0.2861, 0.2984



10.4962, 0.2985, 0.3246



18.0078, 0.2079, 0.2684



0.7855, 0.2124, 0.2845

Inverse Universe

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



38.3545, 0.3201, 0.2951



64.8168, 0.3217, 0.2882



45.4493, 0.3399, 0.3578



9.6647, 0.3166, 0.3106



8.8476, 0.3743, 0.1836



0.3547, 0.3594, 0.1753

Previews

White Background



This preview shows how the Yxy color 44.7092, 0.2871, 0.3207 looks on a white background.

Color Contrast Check

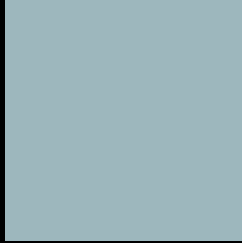
Large Text (above 18pt) WCAG AA × Fail

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 44.7092, 0.2871, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

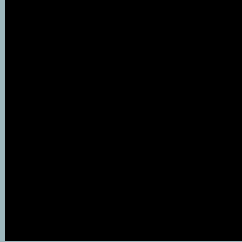
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

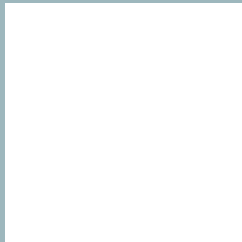
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7092, 0.2871, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 44.7092, 0.2871, 0.3207.



This preview shows how white text looks on a background with the Yxy color 44.7092, 0.2871, 0.3207.

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

44.7092, 0.2871, 0.3207

Protanopia

44.5308, 0.3080, 0.3185

Deuteranopia

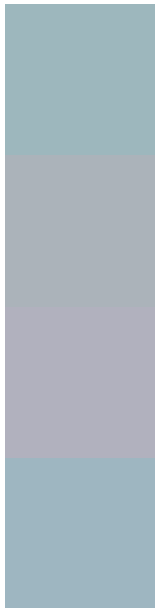
44.4675, 0.3120, 0.3061



Tritanopia

44.7105, 0.2829, 0.3100

Trichromacy



Original Color

44.7092, 0.2871, 0.3207

Protanomaly

44.4433, 0.3004, 0.3196

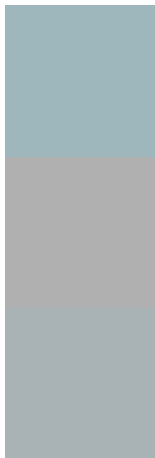
Deuteranomaly

44.5091, 0.3024, 0.3119

Tritanomaly

44.5753, 0.2850, 0.3140

Monochromacy



Original Color

44.7092, 0.2871, 0.3207

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.0114, 0.3026, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7092, 0.2871, 0.3207 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(157, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(157, 183, 189)  
}
```

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(157, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 183, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.7092, 0.2871, 0.3207 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(157, 183, 189) }
```

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

```
.border{ border-color:rgb(157, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(157, 183,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7092, 0.2871, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 183, 189) }
```

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

```
.background{ background-color: rgb(157,  
183, 189) }
```

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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