

Converting Colors

$Yxy(36.9743, 0.2731, 0.2971)$

Have a look what the booklet for
Yxy(36.9743, 0.2731, 0.2971)
contains.

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Color

Yxy(36.9743, 0.2731, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	8DA7BD
RGB	141, 167, 189
RGB Percent	55%, 65%, 74%
CMY	0.4471, 0.3451, 0.2588
CMYK	0.25, 0.12, 0.00, 0.26
HSL	207°, 27%, 65%
HSV	207°, 25%, 74%
XYZ	33.9875, 36.9743, 53.4889
YIQ	161.7340, -22.5580, 1.3300

Conversions

Conversions Part 2

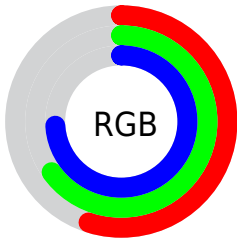
Format	Color
R _{YB}	141, 158, 189
Decimal	9283517
CIE Lab	67.26, -3.98, -14.26
CIE LCh	67, 14.805, 254.417
Yxy	36.9743, 0.2731, 0.2971
Android (android.graphics.Color)	4287473597 (0xFF8DA7BD)
YUV	161.7340, 13.4421, -18.1837
Hunter-Lab	60.8065, -6.6397, -9.5904

Details

The Yxy color **36.9743, 0.2731, 0.2971** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9323, 0.3585, 0.3589**, and the grayscale version is **35.9445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4372, 0.2805, 0.3035**, and **16.2127, 0.2611, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **32.3905, 0.2572, 0.2823**, and if you desaturate by 10%, it is **42.0562, 0.2890, 0.3107**.

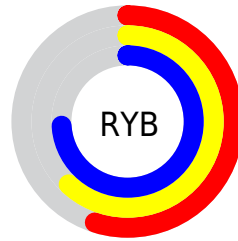
Distribution



Red (55%)

Green (65%)

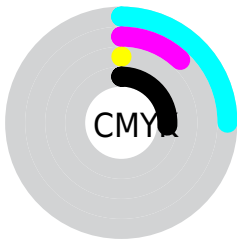
Blue (74%)



Red (55%)

Yellow (62%)

Blue (74%)

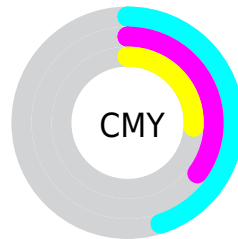


Cyan (25%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.9743, 0.2731, 0.2971 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 36.9743, 0.2731, 0.2971 by changing the saturation by 10% instead.

■ 36.9743, 0.2731,
0.2971

■ 36.9743, 0.2731,
0.2971

■ 333.1992, 0.2934,
0.3137

■ 25.1876, 0.2679,
0.2928

■ 70.5333, 0.2806,
0.3033

■ 16.2169, 0.2611,
0.2871

■ 93.0743, 0.2834,
0.3056

■ 9.6777, 0.2519,
0.2793

■ 119.9689, 0.2857,
0.3075

■ 5.1858, 0.2388,
0.2680

■ 151.6015, 0.2877,
0.3091

■ 2.3567, 0.2187,
0.2504

■ 188.3564, 0.2894,
0.3105

■ 0.8035, 0.1823,
0.2197

■ 230.6181, 0.2909,

■ 0.0000, 0.0000,

0.3117

0.0000

278.7709, 0.2923,
0.3128

■ 36.9743, 0.2731,
0.2971

■ 36.9743, 0.2731,
0.2971

■ 32.3905, 0.2572,
0.2823

■ 42.0562, 0.2890,
0.3107

■ 28.2820, 0.2416,
0.2663

■ 47.6492, 0.3045,
0.3229

■ 24.6303, 0.2268,
0.2494

■ 53.7711, 0.3195,
0.3339

■ 21.4139, 0.2132,
0.2319

■ 60.4375, 0.3339,
0.3436

■ 18.6088, 0.2014,
0.2141

■ 67.6633, 0.3474,
0.3523

■ 16.1880, 0.1916,
0.1964

■ 75.4626, 0.3601,
0.3598

■ 14.1188, 0.1841,
0.1794

■ 80.2128, 0.3584,
0.3683

■ 13.2568, 0.1810,
0.1717

■ 85.0868, 0.3563,
0.3766

■ 90.2027, 0.3543,
0.3848

Harmonies

Analogous

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



36.9743, 0.2706, 0.3114



36.9743, 0.2731, 0.2971



36.9743, 0.2858, 0.2916

Triad

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



36.9743, 0.2731, 0.2971



36.9743, 0.3475, 0.3251



36.9743, 0.3182, 0.3655

Complementary

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



36.9743, 0.2731, 0.2971



38.9323, 0.3585, 0.3589

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.



36.9743, 0.3393, 0.3683



36.9743, 0.2731, 0.2971



36.9743, 0.3568, 0.3440

Square

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



36.9743, 0.2731, 0.2971



36.9743, 0.3287, 0.3077



36.9743, 0.3537, 0.3600



36.9743, 0.2961, 0.3518

Rectangle

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



36.9743, 0.2731, 0.2971



36.9743, 0.2987, 0.2933



36.9743, 0.3537, 0.3600



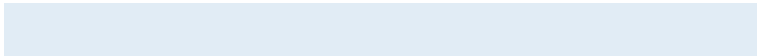
36.9743, 0.3256, 0.3677

Sweetspot

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



36.9758, 0.2731, 0.2971



82.5141, 0.3003, 0.3197



44.6874, 0.2939, 0.3674



17.4145, 0.2980, 0.3179



95.5105, 0.3127, 0.3290



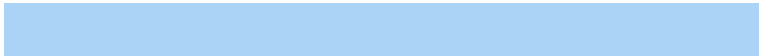
19.5994, 0.3127, 0.3290

Same Dimension

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



36.9758, 0.2731, 0.2971



61.9429, 0.2650, 0.2897



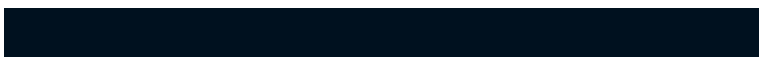
29.1001, 0.2699, 0.2614



10.0587, 0.2984, 0.3182



9.0740, 0.1816, 0.1738



0.4848, 0.1929, 0.2145

Inverse Universe

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



32.6572, 0.3376, 0.2941



53.3493, 0.3441, 0.2868



48.1128, 0.3512, 0.3887



9.6205, 0.3206, 0.3166



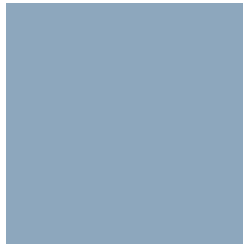
7.9457, 0.4760, 0.2396



0.3243, 0.4292, 0.2138

Previews

White Background



This preview shows how the Yxy color 36.9743, 0.2731, 0.2971 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 36.9743, 0.2731, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

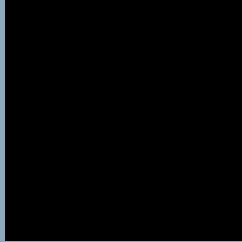
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

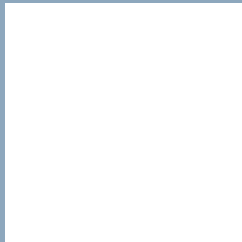
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.9743, 0.2731, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 36.9743, 0.2731, 0.2971.



This preview shows how white text looks on a background with the Yxy color 36.9743, 0.2731, 0.2971.

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

36.9743, 0.2731, 0.2971

Protanopia

36.8594, 0.2907, 0.2954

Deuteranopia

36.6649, 0.2919, 0.2851



Tritanopia

36.8716, 0.2767, 0.3083

Trichromacy



Original Color

36.9743, 0.2731, 0.2971

Protanomaly

36.9111, 0.2840, 0.2963

Deuteranomaly

36.7265, 0.2850, 0.2898

Tritanomaly

37.0835, 0.2753, 0.3041

Monochromacy



Original Color

36.9743, 0.2731, 0.2971

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.3995, 0.2968, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9743, 0.2731, 0.2971 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(141, 167, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 167, 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(141, 167, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 167, 189) }
```

Border

The CSS property to change the border of an element to Yxy 36.9743, 0.2731, 0.2971 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(141, 167, 189) }
```

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

```
.border{ border-color:rgb(141, 167, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 167, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 167, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 167, 189);  
box-shadow:4px 4px 4px 4px rgb(141, 167,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9743, 0.2731, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 167, 189) }
```

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

```
.background{ background-color: rgb(141,  
167, 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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