

Converting Colors

$Y_{xy}(34.6270, 0.2710, 0.2700)$

Have a look what the booklet for
Yxy(34.6270, 0.2710, 0.2700)
contains.

Yxy(34.6270, 0.2710, 0.2700)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.6270, 0.2710, 0.2700)

Conversions

Conversions Part 1

Format	Color
Hex	959DC7
RGB	149, 157, 199
RGB Percent	58%, 62%, 78%
CMY	0.4157, 0.3843, 0.2197
CMYK	0.25, 0.21, 0.00, 0.22
HSL	230°, 31%, 68%
HSV	230°, 25%, 78%
XYZ	34.7552, 34.6270, 58.8659
YIQ	159.3960, -18.2500, 11.3660

Conversions

Conversions Part 2

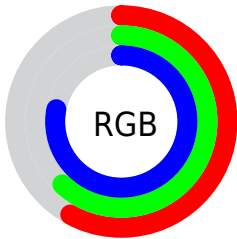
Format	Color
R_{YB}	149, 156, 199
Decimal	9805255
CIE _{Lab}	65.46, 6.44, -22.49
CIE _{LCh}	65, 23.388, 285.973
Yxy	34.6270, 0.2710, 0.2700
Android (android.graphics.Color)	4287995335 (0xFF959DC7)
YUV	159.3960, 19.5248, -9.1173
Hunter-Lab	58.8447, 2.4486, -18.1201

Details

The Yxy color **34.6270, 0.2710, 0.2700** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.5454, 0.3525, 0.3818**, and the grayscale version is **34.7762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6459, 0.2797, 0.2814**, and **14.8938, 0.2578, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **27.6429, 0.2520, 0.2419**, and if you desaturate by 10%, it is **42.7062, 0.2888, 0.2956**.

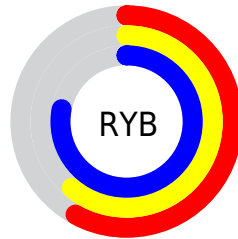
Distribution



Red (58%)

Green (62%)

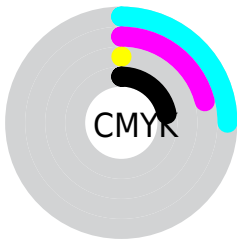
Blue (78%)



Red (58%)

Yellow (61%)

Blue (78%)

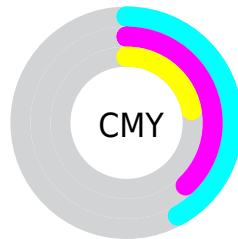


Cyan (25%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6270, 0.2710, 0.2700 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 34.6270, 0.2710, 0.2700 by changing the saturation by 10% instead.

■ 34.6270, 0.2710,
0.2700

■ 34.6270, 0.2710,
0.2700

■ 322.9189, 0.2928,
0.3001

■ 23.3757, 0.2653,
0.2623

■ 66.9075, 0.2791,
0.2811

■ 14.8712, 0.2579,
0.2525

■ 88.7055, 0.2821,
0.2852

■ 8.7290, 0.2478,
0.2392

■ 114.7879, 0.2846,
0.2886

■ 4.5649, 0.2333,
0.2207

■ 145.5390, 0.2867,
0.2916

■ 1.9943, 0.2111,
0.1933

■ 181.3433, 0.2885,
0.2942

■ 0.6041, 0.1741,
0.1439

■ 222.5851, 0.2901,

■ 0.0000, 0.0000,

0.2964

0.0000

269.6488, 0.2915,
0.2984

■ 34.6270, 0.2710,
0.2700

■ 34.6270, 0.2710,
0.2700

■ 27.6429, 0.2520,
0.2419

■ 42.7062, 0.2888,
0.2956

■ 21.7025, 0.2323,
0.2118

■ 51.9208, 0.3050,
0.3184

■ 16.7560, 0.2126,
0.1808

■ 62.3141, 0.3197,
0.3385

■ 12.7483, 0.1941,
0.1503

■ 73.9261, 0.3327,
0.3560

■ 9.6185, 0.1779,
0.1221

■ 86.7946, 0.3443,
0.3712

■ 7.2984, 0.1652,
0.0982

■ 96.9021, 0.3460,
0.3840

■ 5.7087, 0.1567,
0.0799

■ 5.1521, 0.1537,
0.0732

Harmonies

Analogous

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



34.6270, 0.2506, 0.2769



34.6270, 0.2710, 0.2700



34.6270, 0.3033, 0.2773

Triad

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



34.6270, 0.2710, 0.2700



34.6270, 0.3845, 0.3532



34.6270, 0.2839, 0.3650

Complementary

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



34.6270, 0.2710, 0.2700



51.5454, 0.3525, 0.3818

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.



34.6270, 0.3188, 0.3886



34.6270, 0.2710, 0.2700



34.6270, 0.3779, 0.3789

Square

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



34.6270, 0.2710, 0.2700



34.6270, 0.3704, 0.3235



34.6270, 0.3534, 0.3930



34.6270, 0.2576, 0.3306

Rectangle

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



34.6270, 0.2710, 0.2700



34.6270, 0.3279, 0.2890



34.6270, 0.3534, 0.3930



34.6270, 0.2950, 0.3746

Sweetspot

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



34.6284, 0.2710, 0.2700



85.8905, 0.3003, 0.3118



50.9672, 0.2815, 0.3401



17.8486, 0.2979, 0.3084



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.



34.6284, 0.2710, 0.2700



53.9107, 0.2610, 0.2553



33.6820, 0.2846, 0.2612



10.5580, 0.2983, 0.3090



3.3992, 0.1541, 0.0748



0.2500, 0.1635, 0.1087

Inverse Universe

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



36.0636, 0.3568, 0.3186



57.0521, 0.3695, 0.3163



52.9853, 0.3362, 0.3941



10.6643, 0.3265, 0.3253



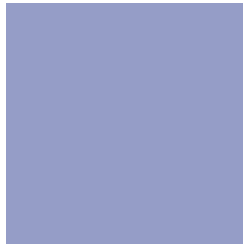
7.8831, 0.6153, 0.3163



0.3823, 0.5629, 0.2875

Previews

White Background



This preview shows how the Yxy color 34.6270, 0.2710, 0.2700 looks on a white background.

Color Contrast Check

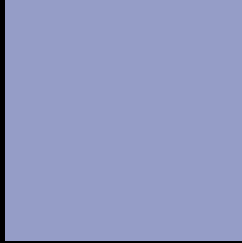
Large Text (above 18pt) WCAG AA × Fail

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 34.6270, 0.2710, 0.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

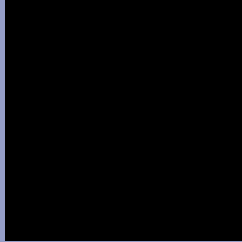
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6270, 0.2710, 0.2700

Background



This preview shows how black text looks on a background with the Yxy color 34.6270, 0.2710, 0.2700.



This preview shows how white text looks on a background with the Yxy color 34.6270, 0.2710, 0.2700.

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

34.6270, 0.2710, 0.2700

Protanopia

34.6270, 0.2710, 0.2700

Deuteranopia

34.6728, 0.2742, 0.2691



Tritanopia

34.4750, 0.2863, 0.3095

Trichromacy



Original Color

34.6270, 0.2710, 0.2700

Protanomaly

34.6270, 0.2710, 0.2700

Deuteranomaly

34.5759, 0.2733, 0.2689

Tritanomaly

34.6715, 0.2809, 0.2953

Monochromacy



Original Color

34.6270, 0.2710, 0.2700

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4783, 0.2960, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6270, 0.2710, 0.2700 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(149, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(149, 157, 199)  
}
```

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(149, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 157, 199) }
```

Border

The CSS property to change the border of an element to Yxy 34.6270, 0.2710, 0.2700 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(149, 157, 199) }
```

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

```
.border{ border-color:rgb(149, 157, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 157, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(149, 157,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6270, 0.2710, 0.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 157, 199) }
```

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

```
.background{ background-color: rgb(149,  
157, 199) }
```

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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