

Converting Colors

$Y_{xy}(29.4714, 0.2822, 0.2991)$

Have a look what the booklet for
Yxy(29.4714, 0.2822, 0.2991)
contains.

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Color

Yxy(29.4729, 0.2822, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	8795A8
RGB	135, 149, 168
RGB Percent	53%, 58%, 66%
CMY	0.4705, 0.4157, 0.3413
CMYK	0.20, 0.11, 0.00, 0.34
HSL	215°, 16%, 59%
HSV	215°, 20%, 66%
XYZ	27.8076, 29.4729, 41.2581
YIQ	146.9800, -14.4430, 2.9410

Conversions

Conversions Part 2

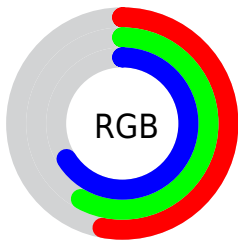
Format	Color
RYB	135, 145, 168
Decimal	8885672
CIELab	61.20, -0.82, -11.63
CIELCh	61, 11.657, 265.987
Yxy	29.4729, 0.2822, 0.2991
Android (android.graphics.Color)	4287075752 (0xFF8795A8)
YUV	146.9800, 10.3629, -10.5065
Hunter-Lab	54.2889, -3.5753, -7.0565

Details

The Yxy color **29.4729, 0.2822, 0.2991** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1832, 0.3452, 0.3572**, and the grayscale version is **29.1311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8584, 0.2888, 0.3053**, and **11.9276, 0.2720, 0.2879** is the 20% darker color. If you saturate the color by 10%, you get **25.2539, 0.2657, 0.2814**, and if you desaturate by 10%, it is **34.1684, 0.2981, 0.3152**.

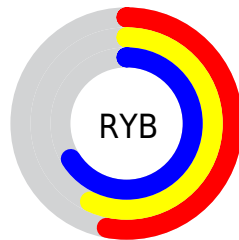
Distribution



Red (53%)

Green (58%)

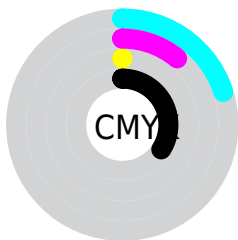
Blue (66%)



Red (53%)

Yellow (57%)

Blue (66%)

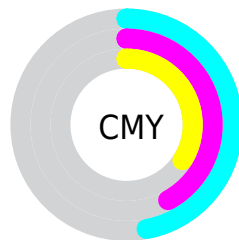


Cyan (20%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (47%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.4729, 0.2822, 0.2991 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 29.4729, 0.2822, 0.2991 by changing the saturation by 10% instead.

■ 29.4729, 0.2822,
0.2991

■ 29.4729, 0.2822,
0.2991

■ 299.4397, 0.2985,
0.3151

■ 19.4389, 0.2778,
0.2947

■ 58.8276, 0.2884,
0.3052

■ 11.9878, 0.2718,
0.2888

■ 78.9170, 0.2906,
0.3074

■ 6.7354, 0.2634,
0.2805

■ 103.1271, 0.2925,
0.3092

■ 3.2972, 0.2509,
0.2680

■ 131.8421, 0.2941,
0.3108

■ 1.2888, 0.2300,
0.2471

■ 165.4464, 0.2954,
0.3121

■ 0.1325, 0.0887,
0.1108

■ 204.3246, 0.2966,

■ 0.0000, 0.0000,

0.3133

0.0000

248.8609, 0.2976,
0.3143

■ 29.4729, 0.2822,
0.2991

■ 29.4729, 0.2822,
0.2991

■ 25.2539, 0.2657,
0.2814

■ 34.1684, 0.2981,
0.3152

■ 21.4914, 0.2489,
0.2620

■ 39.3522, 0.3133,
0.3295

■ 18.1690, 0.2324,
0.2413

■ 45.0405, 0.3275,
0.3423

■ 15.2681, 0.2165,
0.2197

■ 51.2473, 0.3407,
0.3535

■ 12.7681, 0.2019,
0.1976

■ 57.9860, 0.3530,
0.3634

■ 10.6466, 0.1893,
0.1757

■ 65.2698, 0.3643,
0.3720

■ 8.8780, 0.1790,
0.1548

■ 73.1111, 0.3747,
0.3796

■ 7.4162, 0.1711,
0.1354

■ 78.6870, 0.3733,
0.3885

■ 7.3650, 0.1708,
0.1347

■ 84.1087, 0.3702,
0.3975

Harmonies

Analogous

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



29.4729, 0.2765, 0.3087



29.4729, 0.2822, 0.2991



29.4729, 0.2960, 0.2975

Triad

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



29.4729, 0.2822, 0.2991



29.4729, 0.3464, 0.3321



29.4729, 0.3100, 0.3563

Complementary

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



29.4729, 0.2822, 0.2991



33.1832, 0.3452, 0.3572

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.



29.4729, 0.3289, 0.3625



29.4729, 0.2822, 0.2991



29.4729, 0.3503, 0.3477

Square

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



29.4729, 0.2822, 0.2991



29.4729, 0.3332, 0.3162



29.4729, 0.3438, 0.3590



29.4729, 0.2922, 0.3421

Rectangle

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



29.4729, 0.2822, 0.2991



29.4729, 0.3081, 0.3008



29.4729, 0.3438, 0.3590



29.4729, 0.3164, 0.3594

Sweetspot

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



29.4741, 0.2822, 0.2991



65.2212, 0.3035, 0.3204



35.4730, 0.2951, 0.3513



14.0916, 0.3026, 0.3195



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.4741, 0.2822, 0.2991



49.7019, 0.2743, 0.2908



25.4969, 0.2830, 0.2766



7.8041, 0.2986, 0.3157



5.6607, 0.1713, 0.1366



0.2398, 0.1899, 0.2034

Inverse Universe

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



27.8262, 0.3349, 0.3082



46.2964, 0.3418, 0.3029



37.8306, 0.3394, 0.3771



7.5931, 0.3222, 0.3195



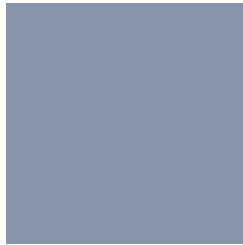
6.6425, 0.5237, 0.2659



0.1719, 0.4414, 0.2205

Previews

White Background



This preview shows how the Yxy color 29.4729, 0.2822, 0.2991 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4729, 0.2822, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

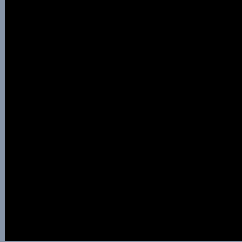
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

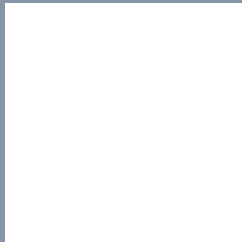
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4729, 0.2822, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 29.4729, 0.2822, 0.2991.



This preview shows how white text looks on a background with the Yxy color 29.4729, 0.2822, 0.2991.

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

29.4729, 0.2822, 0.2991

Protanopia

29.3307, 0.2931, 0.2981

Deuteranopia

29.4865, 0.2972, 0.2913



Tritanopia

29.4897, 0.2864, 0.3098

Trichromacy



Original Color

29.4729, 0.2822, 0.2991

Protanomaly

29.3202, 0.2884, 0.2979

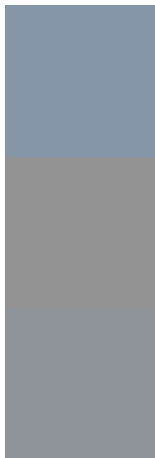
Deuteranomaly

29.5333, 0.2914, 0.2938

Tritanomaly

29.5614, 0.2847, 0.3067

Monochromacy



Original Color

29.4729, 0.2822, 0.2991

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.3860, 0.3011, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4729, 0.2822, 0.2991 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(135, 149, 168)` looks like.

```
.text, #text, p{  
    color:rgb(135, 149, 168)  
}
```

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(135, 149, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 149, 168) }
```

Border

The CSS property to change the border of an element to Yxy 29.4729, 0.2822, 0.2991 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(135, 149, 168) }
```

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

```
.border{ border-color:rgb(135, 149, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 149, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 149, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 149, 168);  
box-shadow:4px 4px 4px 4px rgb(135, 149,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4729, 0.2822, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 149, 168) }
```

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

```
.background{ background-color: rgb(135,  
149, 168) }
```

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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