

Converting Colors

$Y_{xy}(28.1233, 0.2651, 0.2573)$

Have a look what the booklet for
Yxy(28.1233, 0.2651, 0.2573)
contains.

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Color

Yxy(28.2544, 0.2653, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	888EBD
RGB	136, 142, 189
RGB Percent	53%, 56%, 74%
CMY	0.4668, 0.4431, 0.2587
CMYK	0.28, 0.25, 0.00, 0.26
HSL	233°, 29%, 64%
HSV	233°, 28%, 74%
XYZ	29.0089, 28.2544, 52.0804
YIQ	145.5640, -18.6630, 13.3450

Conversions

Conversions Part 2

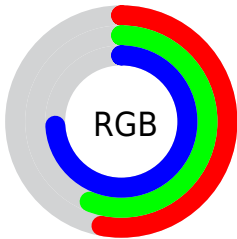
Format	Color
R_{YB}	136, 141, 189
Decimal	8949437
CIE _{Lab}	60.12, 8.55, -25.17
CIE _{LCh}	60, 26.585, 288.754
Yxy	28.2544, 0.2653, 0.2584
Android (android.graphics.Color)	4287139517 (0xFF888EBD)
YUV	145.5640, 21.4139, -8.3876
Hunter-Lab	53.1549, 4.3940, -20.8831

Details

The Yxy color **28.2544, 0.2653, 0.2584** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.4548, 0.3565, 0.3909**, and the grayscale version is **28.4724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0196, 0.2751, 0.2730**, and **11.3632, 0.2492, 0.2356** is the 20% darker color. If you saturate the color by 10%, you get **22.1951, 0.2457, 0.2282**, and if you desaturate by 10%, it is **35.3438, 0.2837, 0.2862**.

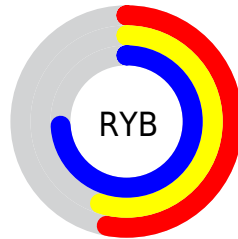
Distribution



Red (53%)

Green (56%)

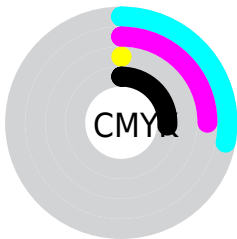
Blue (74%)



Red (53%)

Yellow (55%)

Blue (74%)

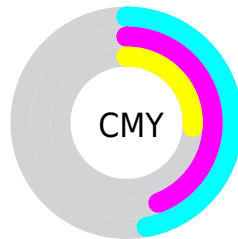


Cyan (28%)

Magenta (25%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.2544, 0.2653, 0.2584 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 28.2544, 0.2653, 0.2584 by changing the saturation by 10% instead.

■ 28.2544, 0.2653,
0.2584

■ 28.2544, 0.2653,
0.2584

■ 293.6805, 0.2908,
0.2953

■ 18.5175, 0.2584,
0.2488

■ 56.8903, 0.2750,
0.2721

■ 11.3222, 0.2491,
0.2362

■ 76.5582, 0.2785,
0.2772

■ 6.2840, 0.2363,
0.2191

■ 100.3052, 0.2814,
0.2814

■ 3.0185, 0.2175,
0.1949

■ 128.5157, 0.2839,
0.2850

■ 1.1414, 0.1876,
0.1585

■ 161.5740, 0.2860,
0.2881

■ 0.0131, 0.0980,
0.0058

■ 199.8647, 0.2878,

■ 0.0000, 0.0000,

0.2908

0.0000

243.7721, 0.2894,
0.2932

■ 28.2544, 0.2653,
0.2584

■ 28.2544, 0.2653,
0.2584

■ 22.1951, 0.2457,
0.2282

■ 35.3438, 0.2837,
0.2862

■ 17.1146, 0.2255,
0.1963

■ 43.5048, 0.3004,
0.3111

■ 12.9623, 0.2056,
0.1641

■ 52.7807, 0.3155,
0.3330

■ 9.6815, 0.1872,
0.1334

■ 63.2112, 0.3288,
0.3522

■ 7.2093, 0.1718,
0.1063

■ 74.8343, 0.3406,
0.3688

■ 5.4742, 0.1604,
0.0849

■ 87.6861, 0.3509,
0.3832

■ 4.3842, 0.1533,
0.0702

■ 96.4550, 0.3520,
0.3939

■ 4.2314, 0.1523,
0.0681

Harmonies

Analogous

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



28.2544, 0.2396, 0.2645



28.2544, 0.2653, 0.2584



28.2544, 0.3050, 0.2688

Triad

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



28.2544, 0.2653, 0.2584



28.2544, 0.4005, 0.3604



28.2544, 0.2740, 0.3695

Complementary

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



28.2544, 0.2653, 0.2584



46.4548, 0.3565, 0.3909

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.



28.2544, 0.3154, 0.4007



28.2544, 0.2653, 0.2584



28.2544, 0.3897, 0.3912

Square

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



28.2544, 0.2653, 0.2584



28.2544, 0.3857, 0.3251



28.2544, 0.3580, 0.4077



28.2544, 0.2442, 0.3264

Rectangle

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



28.2544, 0.2653, 0.2584



28.2544, 0.3351, 0.2834



28.2544, 0.3580, 0.4077



28.2544, 0.2869, 0.3821

Sweetspot

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



28.2555, 0.2653, 0.2584



77.8061, 0.3003, 0.3109



45.0474, 0.2765, 0.3377



16.2307, 0.2979, 0.3073



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.



28.2555, 0.2653, 0.2584



43.3623, 0.2527, 0.2391



28.3716, 0.2833, 0.2531



9.3958, 0.2984, 0.3080



2.9052, 0.1526, 0.0693



0.1725, 0.1609, 0.0992

Inverse Universe

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



30.3732, 0.3662, 0.3208



48.0075, 0.3838, 0.3188



46.5808, 0.3364, 0.4025



9.5536, 0.3271, 0.3264



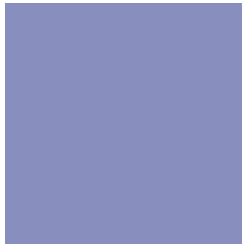
7.3230, 0.6244, 0.3213



0.2928, 0.5771, 0.2953

Previews

White Background



This preview shows how the Yxy color 28.2544, 0.2653, 0.2584 looks on a white background.

Color Contrast Check

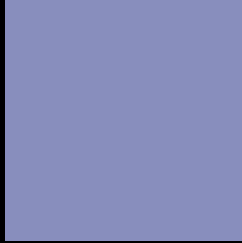
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2544, 0.2653, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

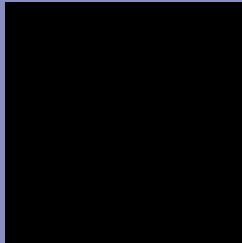
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2544, 0.2653, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 28.2544, 0.2653, 0.2584.



This preview shows how white text looks on a background with the Yxy color 28.2544, 0.2653, 0.2584.

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

28.2544, 0.2653, 0.2584

Protanopia

28.2682, 0.2613, 0.2580

Deuteranopia

28.1710, 0.2645, 0.2583



Tritanopia

28.1165, 0.2850, 0.3094

Trichromacy



Original Color

28.2544, 0.2653, 0.2584

Protanomaly

28.3492, 0.2622, 0.2582

Deuteranomaly

28.1710, 0.2645, 0.2583

Tritanomaly

28.0586, 0.2773, 0.2893

Monochromacy



Original Color

28.2544, 0.2653, 0.2584

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6102, 0.2937, 0.3023

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2544, 0.2653, 0.2584 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(136, 142, 189)` looks like.

```
.text, #text, p{  
    color:rgb(136, 142, 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(136, 142, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 142, 189) }
```

Border

The CSS property to change the border of an element to Yxy 28.2544, 0.2653, 0.2584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

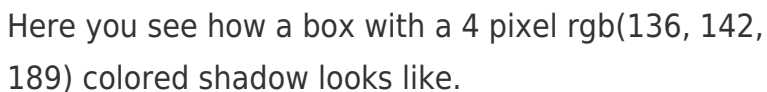
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 142, 189) }
```

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

```
.border{ border-color:rgb(136, 142, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 142, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 142, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 142, 189);  
box-shadow:4px 4px 4px 4px rgb(136, 142,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2544, 0.2653, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 142, 189) }
```

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

```
.background{ background-color: rgb(136,  
142, 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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