

Converting Colors

$Y_{xy}(10.1079, 0.2609, 0.2779)$

Have a look what the booklet for
Yxy(10.1079, 0.2609, 0.2779)
contains.

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Color

$Y_{xy}(10.1079, 0.2609, 0.2779)$

Conversions

Conversions Part 1

Format	Color
Hex	4A5B70
RGB	74, 91, 112
RGB Percent	29%, 36%, 44%
CMY	0.7098, 0.6431, 0.5609
CMYK	0.34, 0.19, 0.00, 0.56
HSL	213°, 20%, 36%
HSV	213°, 34%, 44%
XYZ	9.4896, 10.1079, 16.7750
YIQ	88.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

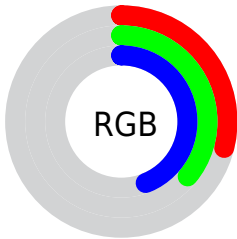
Format	Color
R_{YB}	74, 86, 112
Decimal	4873072
CIE Lab	38.04, -0.95, -14.05
CIE LCh	38, 14.085, 266.112
Yxy	10.1079, 0.2609, 0.2779
Android (android.graphics.Color)	4283063152 (0xFF4A5B70)
YUV	88.3110, 11.6787, -12.5507
Hunter-Lab	31.7929, -2.3588, -9.0283

Details

The Yxy color **10.1079, 0.2609, 0.2779** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.1213, 0.3716, 0.3751**, and the grayscale version is **9.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0152, 0.2745, 0.2910**, and **2.4938, 0.2332, 0.2483** is the 20% darker color. If you saturate the color by 10%, you get **8.6879, 0.2450, 0.2597**, and if you desaturate by 10%, it is **11.6951, 0.2768, 0.2947**.

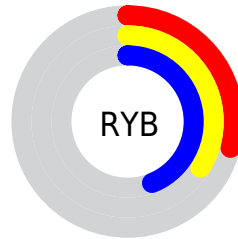
Distribution



Red (29%)

Green (36%)

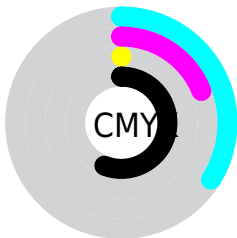
Blue (44%)



Red (29%)

Yellow (34%)

Blue (44%)

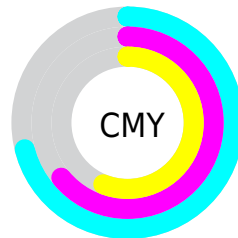


Cyan (34%)

Magenta (19%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (64%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.1079, 0.2609, 0.2779 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 10.1079, 0.2609, 0.2779 by changing the saturation by 10% instead.

■ 10.1079, 0.2609,
0.2779

■ 10.1079, 0.2609,
0.2779

■ 191.4404, 0.2929,
0.3096

■ 5.4706, 0.2498,
0.2668

■ 25.9983, 0.2745,
0.2914

■ 2.5259, 0.2327,
0.2497

■ 38.0201, 0.2790,
0.2958

■ 0.8896, 0.2036,
0.2203

■ 53.2721, 0.2825,
0.2993

■ 0.0000, 0.0000,
0.0000

■ 72.1389, 0.2853,
0.3021

■ 95.0047, 0.2877,
0.3045

122.2539, 0.2897,

0.3064

154.2711, 0.2914,
0.3081

■ 10.1079, 0.2609,
0.2779

■ 10.1079, 0.2609,
0.2779

■ 8.6879, 0.2450,
0.2597

■ 11.6951, 0.2768,
0.2947

■ 7.4276, 0.2294,
0.2404

■ 13.4542, 0.2922,
0.3101

■ 6.3207, 0.2147,
0.2202

■ 15.3912, 0.3071,
0.3240

■ 5.3597, 0.2012,
0.1997

■ 17.5114, 0.3212,
0.3364

■ 4.5367, 0.1896,
0.1795

■ 19.8200, 0.3345,
0.3474

■ 3.8403, 0.1801,
0.1600

■ 22.3216, 0.3469,
0.3572

■ 3.4598, 0.1746,
0.1484

■ 25.0211, 0.3584,
0.3658

■ 27.9229, 0.3691,
0.3734

■ 31.0313, 0.3789,
0.3800

Harmonies

Analogous

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



10.1079, 0.2515, 0.2933



10.1079, 0.2609, 0.2779



10.1079, 0.2838, 0.2760

Triad

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



10.1079, 0.2609, 0.2779



10.1079, 0.3714, 0.3334



10.1079, 0.3073, 0.3773

Complementary

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



10.1079, 0.2609, 0.2779



12.1213, 0.3716, 0.3751

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.



10.1079, 0.3398, 0.3877



10.1079, 0.2609, 0.2779



10.1079, 0.3779, 0.3600

Square

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



10.1079, 0.2609, 0.2779



10.1079, 0.3480, 0.3071



10.1079, 0.3660, 0.3804



10.1079, 0.2773, 0.3516

Rectangle

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



10.1079, 0.2609, 0.2779



10.1079, 0.3044, 0.2818



10.1079, 0.3660, 0.3804



10.1079, 0.3183, 0.3828

Sweetspot

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



10.1083, 0.2609, 0.2779



24.8477, 0.2977, 0.3153



13.8652, 0.2851, 0.3701



5.8821, 0.2961, 0.3138



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



10.1083, 0.2609, 0.2779



15.7036, 0.2479, 0.2631



7.6015, 0.2584, 0.2353



3.5234, 0.2996, 0.3171



3.9561, 0.1742, 0.1472



18.0354, 0.1716, 0.1376

Inverse Universe

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



9.0981, 0.3533, 0.2917



13.8476, 0.3671, 0.2825



15.3996, 0.3581, 0.4094



3.4240, 0.3212, 0.3196



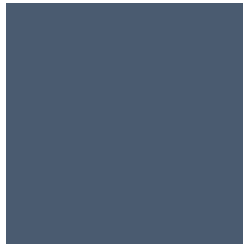
4.2452, 0.5096, 0.2581



20.9784, 0.5224, 0.2651

Previews

White Background



This preview shows how the Yxy color 10.1079, 0.2609, 0.2779 looks on a white 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

Black Background



This preview shows how the Yxy color 10.1079, 0.2609, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

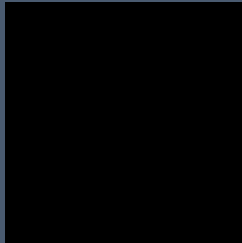
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

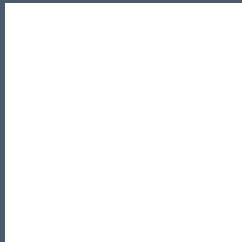
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 10.1079, 0.2609, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 10.1079, 0.2609, 0.2779.



This preview shows how white text looks on a background with the Yxy color 10.1079, 0.2609, 0.2779.

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

10.1079, 0.2609, 0.2779

Protanopia

9.9901, 0.2759, 0.2767

Deuteranopia

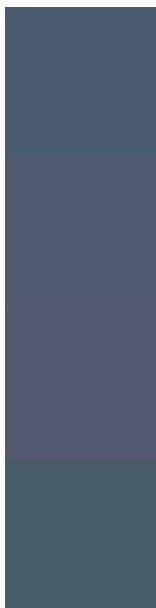
10.1501, 0.2749, 0.2707



Tritanopia

10.0884, 0.2717, 0.3110

Trichromacy



Original Color

10.1079, 0.2609, 0.2779

Protanomaly

9.9979, 0.2693, 0.2762

Deuteranomaly

10.1308, 0.2696, 0.2722

Tritanomaly

10.0315, 0.2679, 0.2987

Monochromacy



Original Color

10.1079, 0.2609, 0.2779

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.8468, 0.2918, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.1079, 0.2609, 0.2779 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(74, 91, 112)` looks like.

```
.text, #text, p{  
    color:rgb(74, 91, 112)  
}
```

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(74, 91, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 91, 112) }
```

Border

The CSS property to change the border of an element to Yxy 10.1079, 0.2609, 0.2779 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(74, 91, 112) }
```

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

```
.border{ border-color:rgb(74, 91, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 91, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 91, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 91, 112);  
box-shadow:4px 4px 4px 4px rgb(74, 91,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 10.1079, 0.2609, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 91, 112) }
```

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

```
.background{ background-color: rgb(74, 91,  
112) }
```

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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