

Converting Colors

$Y_{xy}(27.0206, 0.2607, 0.2443)$

Have a look what the booklet for
Yxy(27.0206, 0.2607, 0.2443)
contains.

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Color

Yxy(27.0206, 0.2607, 0.2443)

Conversions

Conversions Part 1

Format	Color
Hex	8889C2
RGB	136, 137, 194
RGB Percent	53%, 54%, 76%
CMY	0.4668, 0.4627, 0.2391
CMYK	0.30, 0.29, 0.00, 0.24
HSL	239°, 32%, 65%
HSV	239°, 30%, 76%
XYZ	28.8345, 27.0206, 54.7491
YIQ	143.1990, -18.8930, 17.5150

Conversions

Conversions Part 2

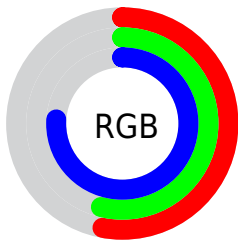
Format	Color
R_{YB}	136, 137, 194
Decimal	8948162
CIE _{Lab}	58.99, 12.72, -29.74
CIE _{LCh}	59, 32.345, 293.154
Yxy	27.0206, 0.2607, 0.2443
Android (android.graphics.Color)	4287138242 (0xFF8889C2)
YUV	143.1990, 25.0449, -6.3135
Hunter-Lab	51.9813, 8.0482, -26.0599

Details

The Yxy color $27.0206, 0.2607, 0.2443$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $51.3817, 0.3577, 0.4016$, and the grayscale version is $27.4545, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8683, 0.2716, 0.2600$, and $10.5947, 0.2426, 0.2179$ is the 20% darker color. If you saturate the color by 10%, you get $20.5943, 0.2400, 0.2104$, and if you desaturate by 10%, it is $34.6996, 0.2800, 0.2758$.

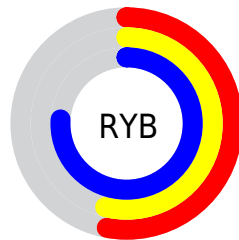
Distribution



Red (53%)

Green (54%)

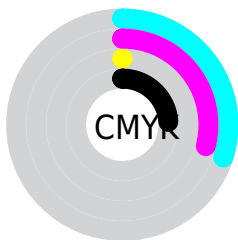
Blue (76%)



Red (53%)

Yellow (54%)

Blue (76%)

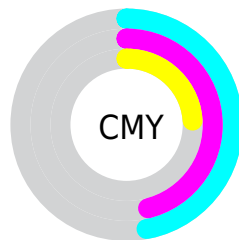


Cyan (30%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (47%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0206, 0.2607, 0.2443 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 27.0206, 0.2607, 0.2443 by changing the saturation by 10% instead.

■ 27.0206, 0.2607,
0.2443

■ 27.0206, 0.2607,
0.2443

■ 287.7568, 0.2889,
0.2882

■ 17.5887, 0.2530,
0.2330

■ 54.9169, 0.2714,
0.2606

■ 10.6551, 0.2427,
0.2183

■ 74.1501, 0.2753,
0.2666

■ 5.8354, 0.2285,
0.1987

■ 97.4192, 0.2786,
0.2716

■ 2.7453, 0.2077,
0.1714

■ 125.1086, 0.2813,
0.2759

■ 1.0002, 0.1751,
0.1318

■ 157.6027, 0.2836,
0.2796

■ 0.0000, 0.0804,
0.0000

■ 195.2858, 0.2856,

■ 0.0000, 0.0000,

0.2829

0.0000

238.5424, 0.2874,
0.2857

■ 27.0206, 0.2607,
0.2443

■ 27.0206, 0.2607,
0.2443

■ 20.5943, 0.2400,
0.2104

■ 34.6996, 0.2800,
0.2758

■ 15.3514, 0.2187,
0.1754

■ 43.6896, 0.2974,
0.3041

■ 11.2207, 0.1982,
0.1414

■ 54.0488, 0.3128,
0.3292

■ 8.1219, 0.1798,
0.1109

■ 65.8311, 0.3263,
0.3510

■ 5.9641, 0.1652,
0.0865

■ 79.0875, 0.3379,
0.3698

■ 4.6406, 0.1555,
0.0699

■ 93.8666, 0.3480,
0.3860

■ 3.9759, 0.1503,
0.0611

■ 96.6762, 0.3490,
0.3889

■ 3.9718, 0.1503,
0.0611

Harmonies

Analogous

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



27.0206, 0.2272, 0.2478



27.0206, 0.2607, 0.2443



27.0206, 0.3108, 0.2595

Triad

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



27.0206, 0.2607, 0.2443



27.0206, 0.4210, 0.3719



27.0206, 0.2583, 0.3719

Complementary

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



27.0206, 0.2607, 0.2443



51.3817, 0.3577, 0.4016

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.



27.0206, 0.3072, 0.4152



27.0206, 0.2607, 0.2443



27.0206, 0.4024, 0.4086

Square

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



27.0206, 0.2607, 0.2443



27.0206, 0.4077, 0.3294



27.0206, 0.3601, 0.4274



27.0206, 0.2256, 0.3170

Rectangle

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



27.0206, 0.2607, 0.2443



27.0206, 0.3480, 0.2783



27.0206, 0.3601, 0.4274



27.0206, 0.2733, 0.3889

Sweetspot

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



27.0217, 0.2607, 0.2443



80.5053, 0.2987, 0.3062



47.6360, 0.2712, 0.3316



17.0608, 0.2962, 0.3023



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.



27.0217, 0.2607, 0.2443



40.9584, 0.2471, 0.2220



29.2882, 0.2855, 0.2485



9.7763, 0.2983, 0.3056



2.6235, 0.1504, 0.0613



0.1236, 0.1517, 0.0662

Inverse Universe

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



30.8781, 0.3776, 0.3278



49.1198, 0.3986, 0.3275



48.5795, 0.3338, 0.4089



10.0808, 0.3286, 0.3286



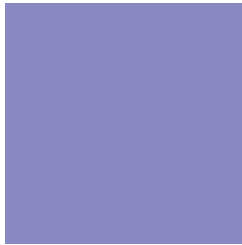
7.5471, 0.6378, 0.3287



0.3271, 0.6295, 0.3242

Previews

White Background



This preview shows how the Yxy color 27.0206, 0.2607, 0.2443 looks on a white background.

Color Contrast Check

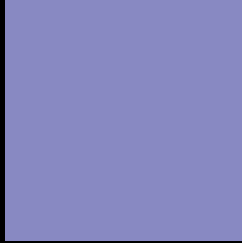
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0206, 0.2607, 0.2443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

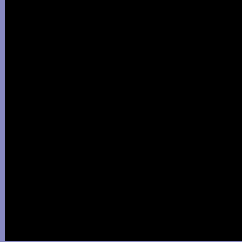
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0206, 0.2607, 0.2443

Background



This preview shows how black text looks on a background with the Yxy color 27.0206, 0.2607, 0.2443.



This preview shows how white text looks on a background with the Yxy color 27.0206, 0.2607, 0.2443.

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

27.0206, 0.2607, 0.2443

Protanopia

27.1017, 0.2507, 0.2444

Deuteranopia

27.0420, 0.2536, 0.2484



Tritanopia

26.9360, 0.2854, 0.3091

Trichromacy



Original Color

27.0206, 0.2607, 0.2443

Protanomaly

27.0725, 0.2544, 0.2448

Deuteranomaly

27.0613, 0.2567, 0.2475

Tritanomaly

26.7773, 0.2759, 0.2826

Monochromacy



Original Color

27.0206, 0.2607, 0.2443

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2338, 0.2916, 0.2956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0206, 0.2607, 0.2443 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, 137, 194)` looks like.

```
.text, #text, p{  
    color:rgb(136, 137, 194)  
}
```

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, 137, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 137, 194) }
```

Border

The CSS property to change the border of an element to Yxy 27.0206, 0.2607, 0.2443 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, 137, 194) }
```

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

```
.border{ border-color:rgb(136, 137, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 137, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 137, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 137, 194);  
box-shadow:4px 4px 4px 4px rgb(136, 137,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0206, 0.2607, 0.2443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 137, 194) }
```

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

```
.background{ background-color: rgb(136,  
137, 194) }
```

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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