

Converting Colors

$Yxy(26.8942, 0.3204, 0.3579)$

Have a look what the booklet for
Yxy(26.8942, 0.3204, 0.3579)
contains.

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Color

Yxy(27.0436, 0.3198, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	889180
RGB	136, 145, 128
RGB Percent	53%, 57%, 50%
CMY	0.4668, 0.4313, 0.4980
CMYK	0.06, 0.00, 0.12, 0.43
HSL	92°, 7%, 54%
HSV	92°, 12%, 57%
XYZ	24.1714, 27.0436, 24.3680
YIQ	140.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

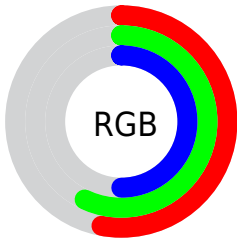
Format	Color
R_{YB}	128, 145, 137
Decimal	8950144
CIE _{Lab}	59.01, -6.56, 7.91
CIE _{LCh}	59, 10.274, 129.671
Yxy	27.0436, 0.3198, 0.3578
Android (android.graphics.Color)	4287140224 (0xFF889180)
YUV	140.3710, -6.0989, -3.8334
Hunter-Lab	52.0035, -8.0384, 8.6201

Details

The Yxy color $27.0436, 0.3198, 0.3578$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.8052, 0.3049, 0.3003$, and the grayscale version is $26.4005, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0019, 0.3180, 0.3515$, and $10.7274, 0.3216, 0.3693$ is the 20% darker color. If you saturate the color by 10%, you get $26.0677, 0.3257, 0.3846$, and if you desaturate by 10%, it is $28.1229, 0.3138, 0.3331$.

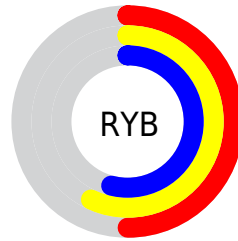
Distribution



Red (53%)

Green (57%)

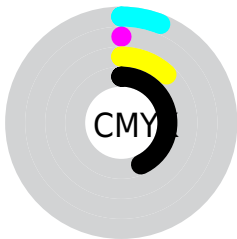
Blue (50%)



Red (50%)

Yellow (57%)

Blue (54%)

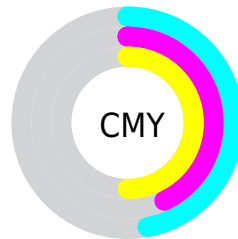


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (43%)



Cyan (47%)

Magenta (43%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.0436, 0.3198, 0.3578 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 27.0436, 0.3198, 0.3578 by changing the saturation by 10% instead.

■ 27.0436, 0.3198,
0.3578

■ 27.0436, 0.3198,
0.3578

287.8682, 0.3160,
0.3419

■ 17.6060, 0.3208,
0.3624

■ 54.9538, 0.3184,
0.3516

■ 10.6675, 0.3221,
0.3687

■ 74.1952, 0.3179,
0.3494

■ 5.8437, 0.3240,
0.3779

■ 97.4733, 0.3174,
0.3476

■ 2.7503, 0.3267,
0.3927

125.1725, 0.3171,
0.3461

■ 1.0028, 0.3391,
0.4313

157.6772, 0.3168,
0.3448

■ 0.0000, 0.0000,
0.0000

195.3718, 0.3165,

0.3437

238.6406, 0.3163,
0.3427

■ 27.0436, 0.3198,
0.3578

■ 27.0436, 0.3198,
0.3578

■ 26.0677, 0.3257,
0.3846

■ 28.1229, 0.3138,
0.3331

■ 25.1883, 0.3312,
0.4130

■ 29.3051, 0.3078,
0.3105

■ 24.4031, 0.3360,
0.4424

■ 30.5943, 0.3020,
0.2901

■ 23.7085, 0.3398,
0.4718

■ 31.9935, 0.2965,
0.2719

■ 23.1004, 0.3420,
0.4999

■ 33.5052, 0.2912,
0.2556

■ 22.5746, 0.3425,
0.5253

■ 35.1322, 0.2864,
0.2411

■ 22.1260, 0.3410,
0.5466

■ 36.8769, 0.2818,
0.2281

■ 21.7493, 0.3374,
0.5627

■ 38.7419, 0.2776,
0.2166

■ 21.4813, 0.3337,
0.5732

■ 40.5011, 0.2761,
0.2092

Harmonies

Analogous

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



27.0436, 0.3355, 0.3587



27.0436, 0.3198, 0.3578



27.0436, 0.3025, 0.3485

Triad

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



27.0436, 0.3198, 0.3578



27.0436, 0.2811, 0.3058



27.0436, 0.3376, 0.3238

Complementary

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



27.0436, 0.3198, 0.3578



22.8052, 0.3049, 0.3003

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.



27.0436, 0.3224, 0.3106



27.0436, 0.3198, 0.3578



27.0436, 0.2899, 0.3002

Square

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



27.0436, 0.3198, 0.3578



27.0436, 0.2805, 0.3179



27.0436, 0.3049, 0.3021



27.0436, 0.3460, 0.3386

Rectangle

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



27.0436, 0.3198, 0.3578



27.0436, 0.2924, 0.3390



27.0436, 0.3049, 0.3021



27.0436, 0.3331, 0.3191

Sweetspot

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



27.0448, 0.3198, 0.3578



49.8843, 0.3152, 0.3387



25.4110, 0.3312, 0.3437



11.0670, 0.3156, 0.3404



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



27.0448, 0.3198, 0.3578



47.9595, 0.3213, 0.3645



26.4097, 0.3111, 0.3580



6.1455, 0.3183, 0.3513



18.4372, 0.3342, 0.5729



0.1892, 0.3687, 0.5454

Inverse Universe

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



22.8052, 0.3049, 0.3003



38.8690, 0.3030, 0.2937



23.4954, 0.3143, 0.3016



5.3872, 0.3068, 0.3068



3.1246, 0.2110, 0.0936



0.0430, 0.2586, 0.1198

Previews

White Background



This preview shows how the Yxy color 27.0436, 0.3198, 0.3578 looks on a white background.

Color Contrast Check

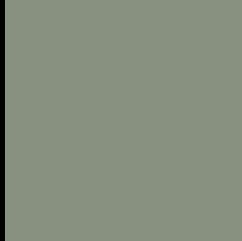
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0436, 0.3198, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

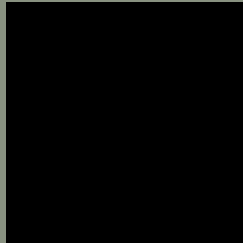
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0436, 0.3198, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 27.0436, 0.3198, 0.3578.



This preview shows how white text looks on a background with the Yxy color 27.0436, 0.3198, 0.3578.

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

27.0436, 0.3198, 0.3578

Protanopia

26.8520, 0.3359, 0.3536

Deuteranopia

26.9766, 0.3463, 0.3401



Tritanopia

26.9251, 0.3000, 0.3096

Trichromacy



Original Color

27.0436, 0.3198, 0.3578

Protanomaly

26.8076, 0.3301, 0.3539

Deuteranomaly

26.9205, 0.3363, 0.3469

Tritanomaly

26.8486, 0.3076, 0.3257

Monochromacy



Original Color

27.0436, 0.3198, 0.3578

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6125, 0.3155, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0436, 0.3198, 0.3578 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, 145, 128)` looks like.

```
.text, #text, p{  
    color:rgb(136, 145, 128)  
}
```

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, 145, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 145, 128) }
```

Border

The CSS property to change the border of an element to Yxy 27.0436, 0.3198, 0.3578 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, 145, 128) }
```

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

```
.border{ border-color:rgb(136, 145, 128) }
```

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

Here you see how a box with a 4 pixel rgb(136, 145, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 145, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 145, 128);  
box-shadow:4px 4px 4px 4px rgb(136, 145,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0436, 0.3198, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 145, 128) }
```

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

```
.background{ background-color: rgb(136,  
145, 128) }
```

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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