

Converting Colors

$Y_{xy}(27.8869, 0.3017, 0.3315)$

Have a look what the booklet for
Yxy(27.8869, 0.3017, 0.3315)
contains.

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Color

Yxy(27.9801, 0.3014, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	869391
RGB	134, 147, 145
RGB Percent	53%, 58%, 57%
CMY	0.4744, 0.4235, 0.4314
CMYK	0.09, 0.00, 0.01, 0.42
HSL	171°, 6%, 55%
HSV	171°, 9%, 58%
XYZ	25.3783, 27.9801, 30.8429
YIQ	142.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

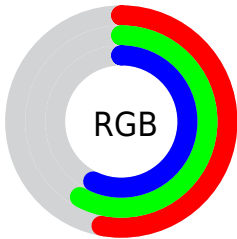
Format	Color
R_YB	134, 141, 147
Decimal	8819601
CIE _{Lab}	59.87, -5.06, -0.54
CIE _{LCh}	60, 5.091, 186.065
Yxy	27.9801, 0.3014, 0.3323
Android (android.graphics.Color)	4287009681 (0xFF869391)
YUV	142.8850, 1.0427, -7.7921
Hunter-Lab	52.8962, -6.9286, 2.4563

Details

The Yxy color $27.9801, 0.3014, 0.3323$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.0404, 0.3253, 0.3257$, and the grayscale version is $27.4197, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.4616, 0.3034, 0.3314$, and $11.0768, 0.2963, 0.3314$ is the 20% darker color. If you saturate the color by 10%, you get $26.7860, 0.2891, 0.3364$, and if you desaturate by 10%, it is $29.3459, 0.3143, 0.3286$.

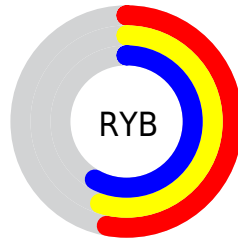
Distribution



Red (53%)

Green (58%)

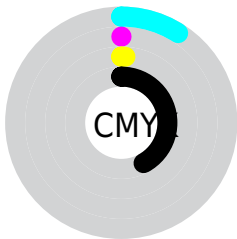
Blue (57%)



Red (53%)

Yellow (55%)

Blue (58%)

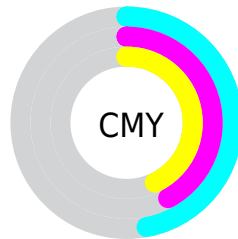


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9801, 0.3014, 0.3323 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 27.9801, 0.3014, 0.3323 by changing the saturation by 10% instead.

■ 27.9801, 0.3014,
0.3323

■ 27.9801, 0.3014,
0.3323

■ 292.3718, 0.3075,
0.3305

■ 18.3107, 0.2997,
0.3328

■ 56.4527, 0.3038,
0.3316

■ 11.1733, 0.2974,
0.3334

■ 76.0246, 0.3046,
0.3314

■ 6.1835, 0.2940,
0.3344

■ 99.6661, 0.3053,
0.3312

■ 2.9570, 0.2889,
0.3358

■ 127.7617, 0.3059,
0.3310

■ 1.1093, 0.2798,
0.3384

■ 160.6956, 0.3064,
0.3309

■ 0.0000, 0.0000,
0.0000

198.8524, 0.3068,

0.3307

242.6163, 0.3072,
0.3306

■ 27.9801, 0.3014,
0.3323

■ 27.9801, 0.3014,
0.3323

■ 26.7860, 0.2891,
0.3364

■ 29.3459, 0.3143,
0.3286

■ 25.7532, 0.2776,
0.3408

■ 30.8864, 0.3274,
0.3252

■ 24.8754, 0.2672,
0.3455

■ 32.6088, 0.3407,
0.3222

■ 24.1448, 0.2582,
0.3505

■ 34.5191, 0.3539,
0.3196

■ 23.5527, 0.2507,
0.3557

■ 36.6228, 0.3668,
0.3172

■ 23.0895, 0.2450,
0.3610

■ 38.9253, 0.3795,
0.3152

■ 22.7444, 0.2411,
0.3664

■ 41.4317, 0.3916,
0.3135

■ 22.5049, 0.2390,
0.3718

■ 44.1470, 0.4033,
0.3120

■ 22.3433, 0.2384,
0.3772

■ 44.8637, 0.4041,
0.3098

Harmonies

Analogous

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



27.9801, 0.3088, 0.3392



27.9801, 0.3014, 0.3323



27.9801, 0.2970, 0.3246

Triad

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



27.9801, 0.3014, 0.3323



27.9801, 0.3080, 0.3153



27.9801, 0.3289, 0.3395

Complementary

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



27.9801, 0.3014, 0.3323



25.0404, 0.3253, 0.3257

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.



27.9801, 0.3287, 0.3331



27.9801, 0.3014, 0.3323



27.9801, 0.3165, 0.3192

Square

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



27.9801, 0.3014, 0.3323



27.9801, 0.3008, 0.3149



27.9801, 0.3241, 0.3257



27.9801, 0.3247, 0.3433

Rectangle

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



27.9801, 0.3014, 0.3323



27.9801, 0.2964, 0.3201



27.9801, 0.3241, 0.3257



27.9801, 0.3293, 0.3376

Sweetspot

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



27.9813, 0.3014, 0.3323



51.4822, 0.3088, 0.3301



27.8391, 0.3139, 0.3507



11.7093, 0.3078, 0.3304



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.9813, 0.3014, 0.3323



49.5704, 0.2984, 0.3333



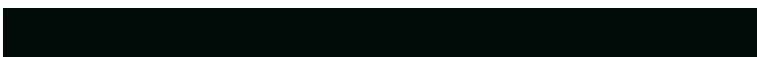
26.7249, 0.2995, 0.3218



6.5469, 0.3009, 0.3325



19.3585, 0.2382, 0.3775



0.2403, 0.2310, 0.3515

Inverse Universe

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



25.0404, 0.3253, 0.3257



42.9739, 0.3292, 0.3248



26.2033, 0.3268, 0.3361



5.8292, 0.3259, 0.3256



5.4334, 0.6137, 0.3154



0.0693, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 27.9801, 0.3014, 0.3323 looks on a white background.

Color Contrast Check

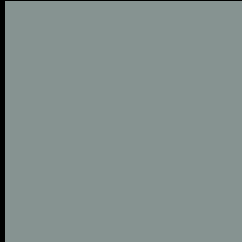
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9801, 0.3014, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

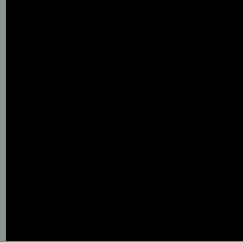
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

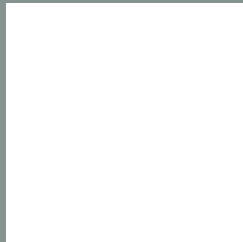
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.9801, 0.3014, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 27.9801, 0.3014, 0.3323.



This preview shows how white text looks on a background with the Yxy color 27.9801, 0.3014, 0.3323.

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

27.9801, 0.3014, 0.3323

Protanopia

27.8311, 0.3170, 0.3290

Deuteranopia

27.9996, 0.3251, 0.3197



Tritanopia

27.9194, 0.2923, 0.3096

Trichromacy



Original Color

27.9801, 0.3014, 0.3323

Protanomaly

27.7109, 0.3106, 0.3290

Deuteranomaly

28.1098, 0.3161, 0.3243

Tritanomaly

28.0086, 0.2950, 0.3176

Monochromacy



Original Color

27.9801, 0.3014, 0.3323

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5356, 0.3085, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9801, 0.3014, 0.3323 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(134, 147, 145)` looks like.

```
.text, #text, p{  
    color:rgb(134, 147, 145)  
}
```

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(134, 147, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 147, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.9801, 0.3014, 0.3323 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(134, 147, 145) }
```

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

```
.border{ border-color:rgb(134, 147, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 147, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 147, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 147, 145);  
box-shadow:4px 4px 4px 4px rgb(134, 147,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9801, 0.3014, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 147, 145) }
```

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

```
.background{ background-color: rgb(134,  
147, 145) }
```

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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