

Converting Colors

$Y_{xy}(27.7711, 0.3079, 0.3694)$

Have a look what the booklet for
Yxy(27.7711, 0.3079, 0.3694)
contains.

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Color

Yxy(27.6301, 0.3078, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	7C967F
RGB	124, 150, 127
RGB Percent	49%, 59%, 50%
CMY	0.5138, 0.4117, 0.5019
CMYK	0.17, 0.00, 0.15, 0.41
HSL	127°, 11%, 54%
HSV	127°, 17%, 59%
XYZ	23.0475, 27.6301, 24.2007
YIQ	139.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

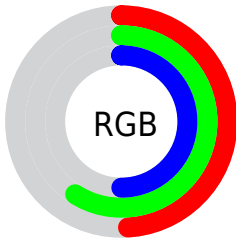
Format	Color
RYB	124, 147, 150
Decimal	8164991
CIELab	59.55, -13.87, 9.12
CIELCh	60, 16.595, 146.683
Yxy	27.6301, 0.3078, 0.3690
Android (android.graphics.Color)	4286355071 (0xFF7C967F)
YUV	139.6040, -6.2138, -13.6847
Hunter-Lab	52.5643, -13.7219, 9.4979

Details

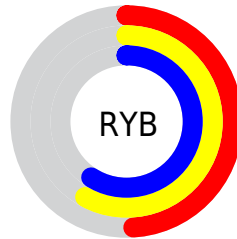
The Yxy color $27.6301, 0.3078, 0.3690$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $23.0007, 0.3180, 0.2920$, and the grayscale version is $26.0903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.8281, 0.3090, 0.3597$, and $10.9696, 0.3058, 0.3839$ is the 20% darker color. If you saturate the color by 10%, you get $26.2744, 0.3049, 0.3959$, and if you desaturate by 10%, it is $29.2036, 0.3107, 0.3449$.

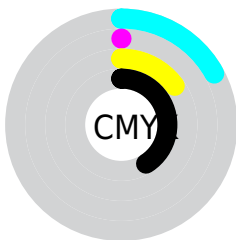
Distribution



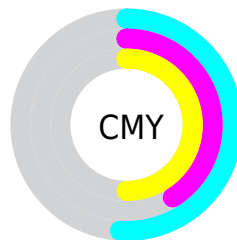
- Red (49%)
- Green (59%)
- Blue (50%)



- Red (49%)
- Yellow (58%)
- Blue (59%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (51%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6301, 0.3078, 0.3690 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 27.6301, 0.3078, 0.3690 by changing the saturation by 10% instead.

■ 27.6301, 0.3078,
0.3690

■ 27.6301, 0.3078,
0.3690

■ 290.6951, 0.3107,
0.3467

■ 18.0470, 0.3069,
0.3755

■ 55.8933, 0.3090,
0.3603

■ 10.9837, 0.3055,
0.3844

■ 75.3423, 0.3094,
0.3572

■ 6.0559, 0.3034,
0.3976

■ 98.8486, 0.3097,
0.3547

■ 2.8791, 0.2996,
0.4190

■ 126.7967, 0.3100,
0.3526

■ 1.0689, 0.2963,
0.4751

■ 159.5711, 0.3102,
0.3508

■ 0.0000, 0.0000,
0.0000

197.5560, 0.3104,

0.3493

241.1359, 0.3106,
0.3479

■ 27.6301, 0.3078,
0.3690

■ 27.6301, 0.3078,
0.3690

■ 26.2744, 0.3049,
0.3959

■ 29.2036, 0.3107,
0.3449

■ 25.1235, 0.3022,
0.4254

■ 31.0003, 0.3134,
0.3236

■ 24.1686, 0.2997,
0.4566

■ 33.0297, 0.3161,
0.3051

■ 23.3987, 0.2976,
0.4885

■ 35.2996, 0.3185,
0.2889

■ 22.8017, 0.2963,
0.5193

■ 37.8176, 0.3208,
0.2750

■ 22.3640, 0.2958,
0.5471

■ 40.5909, 0.3229,
0.2629

■ 22.0702, 0.2961,
0.5699

■ 43.6265, 0.3248,
0.2525

■ 21.8948, 0.2971,
0.5864

■ 46.9309, 0.3265,
0.2435

■ 21.8571, 0.2972,
0.5898

■ 49.7468, 0.3247,
0.2347

Harmonies

Analogous

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



27.6301, 0.3353, 0.3782



27.6301, 0.3078, 0.3690



27.6301, 0.2824, 0.3475

Triad

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



27.6301, 0.3078, 0.3690



27.6301, 0.2691, 0.2856



27.6301, 0.3623, 0.3335

Complementary

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



27.6301, 0.3078, 0.3690



23.0007, 0.3180, 0.2920

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.



27.6301, 0.3430, 0.3109



27.6301, 0.3078, 0.3690



27.6301, 0.2888, 0.2839

Square

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



27.6301, 0.3078, 0.3690



27.6301, 0.2607, 0.2987



27.6301, 0.3158, 0.2932



27.6301, 0.3675, 0.3560

Rectangle

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



27.6301, 0.3078, 0.3690



27.6301, 0.2699, 0.3300



27.6301, 0.3158, 0.2932



27.6301, 0.3572, 0.3257

Sweetspot

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



27.6313, 0.3078, 0.3690



52.2114, 0.3113, 0.3399



29.5103, 0.3352, 0.3711



11.5280, 0.3111, 0.3413



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.



27.6313, 0.3078, 0.3690



47.7401, 0.3066, 0.3796



27.9802, 0.2964, 0.3467



6.4788, 0.3101, 0.3491



18.1285, 0.2970, 0.5890



0.2240, 0.2842, 0.5432

Inverse Universe

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



23.0007, 0.3180, 0.2920



37.9354, 0.3194, 0.2832



22.6271, 0.3325, 0.3119



5.8977, 0.3154, 0.3097



6.7744, 0.3518, 0.1712



0.0856, 0.3350, 0.1619

Previews

White Background



This preview shows how the Yxy color 27.6301, 0.3078, 0.3690 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 27.6301, 0.3078, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

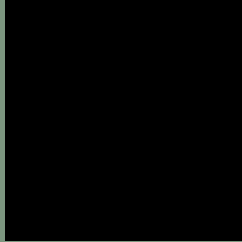
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6301, 0.3078, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 27.6301, 0.3078, 0.3690.



This preview shows how white text looks on a background with the Yxy color 27.6301, 0.3078, 0.3690.

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

27.6301, 0.3078, 0.3690

Protanopia

27.5590, 0.3408, 0.3616

Deuteranopia

27.4433, 0.3494, 0.3431



Tritanopia

27.6592, 0.2857, 0.3109

Trichromacy



Original Color

27.6301, 0.3078, 0.3690

Protanomaly

27.6757, 0.3291, 0.3657

Deuteranomaly

27.2004, 0.3335, 0.3519

Tritanomaly

27.4548, 0.2935, 0.3306

Monochromacy



Original Color

27.6301, 0.3078, 0.3690

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7641, 0.3109, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6301, 0.3078, 0.3690 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(124, 150, 127)` looks like.

```
.text, #text, p{  
    color:rgb(124, 150, 127)  
}
```

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(124, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 150, 127) }
```

Border

The CSS property to change the border of an element to Yxy 27.6301, 0.3078, 0.3690 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(124, 150, 127) }
```

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

```
.border{ border-color:rgb(124, 150, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 150, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(124, 150,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6301, 0.3078, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 150, 127) }
```

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

```
.background{ background-color: rgb(124,  
150, 127) }
```

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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