

Converting Colors

$Yxy(27.8194, 0.2917, 0.3611)$

Have a look what the booklet for
Yxy(27.8194, 0.2917, 0.3611)
contains.

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Color

Yxy(27.7551, 0.2920, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	729886
RGB	114, 152, 134
RGB Percent	45%, 60%, 53%
CMY	0.5530, 0.4039, 0.4745
CMYK	0.25, 0.00, 0.12, 0.40
HSL	152°, 16%, 52%
HSV	152°, 25%, 60%
XYZ	22.4688, 27.7551, 26.7240
YIQ	138.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

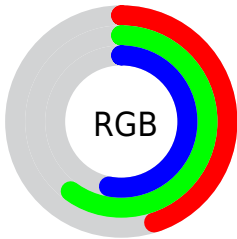
Format	Color
RYB	114, 139, 152
Decimal	7510150
CIELab	59.67, -16.99, 5.24
CIElCh	60, 17.779, 162.862
Yxy	27.7551, 0.2920, 0.3607
Android (android.graphics.Color)	4285700230 (0xFF729886)
YUV	138.5860, -2.2609, -21.5619
Hunter-Lab	52.6831, -16.0671, 6.8028

Details

The Yxy color $27.7551, 0.2920, 0.3607$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.3736, 0.3399, 0.2994$, and the grayscale version is $25.6643, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9460, 0.2968, 0.3535$, and $11.0713, 0.2851, 0.3742$ is the 20% darker color. If you saturate the color by 10%, you get $26.6262, 0.2846, 0.3757$, and if you desaturate by 10%, it is $29.0694, 0.3000, 0.3470$.

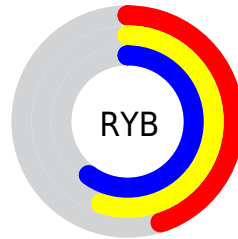
Distribution



Red (45%)

Green (60%)

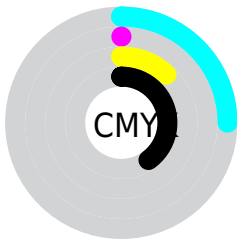
Blue (53%)



Red (45%)

Yellow (55%)

Blue (60%)

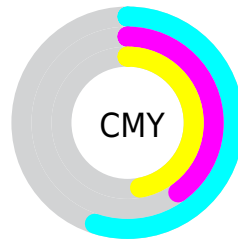


Cyan (25%)

Magenta (0%)

Yellow (12%)

Black (40%)



Cyan (55%)


Magenta (40%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7551, 0.2920, 0.3607 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 27.7551, 0.2920, 0.3607 by changing the saturation by 10% instead.


 27.7551, 0.2920,
0.3607


 27.7551, 0.2920,
0.3607


291.2948, 0.3034,
0.3431


 18.1411, 0.2887,
0.3658


 56.0932, 0.2964,
0.3538


 11.0514, 0.2842,
0.3728


 75.5861, 0.2980,
0.3514

 6.1014, 0.2777,
0.3831

 99.1408, 0.2993,
0.3494

 2.9068, 0.2673,
0.3996

 127.1417, 0.3004,
0.3478

 1.0833, 0.2425,
0.4360

159.9732, 0.3013,
0.3463

 0.0000, 0.0000,
0.0000

198.0196, 0.3021,

0.3451

241.6653, 0.3028,
0.3441

■ 27.7551, 0.2920,
0.3607

■ 27.7551, 0.2920,
0.3607

■ 26.6262, 0.2846,
0.3757

■ 29.0694, 0.3000,
0.3470

■ 25.6705, 0.2780,
0.3918

■ 30.5737, 0.3084,
0.3347

■ 24.8800, 0.2726,
0.4090

■ 32.2767, 0.3170,
0.3237

■ 24.2443, 0.2688,
0.4268

■ 34.1856, 0.3255,
0.3138

■ 23.7520, 0.2667,
0.4451

■ 36.3070, 0.3338,
0.3052

■ 23.3899, 0.2665,
0.4632

■ 38.6475, 0.3420,
0.2976

■ 23.1411, 0.2682,
0.4807

■ 41.2134, 0.3498,
0.2909

■ 23.0377, 0.2693,
0.4893

■ 44.0104, 0.3572,
0.2850

■ 47.0443, 0.3643,
0.2800

Harmonies

Analogous

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



27.7551, 0.3211, 0.3784



27.7551, 0.2920, 0.3607



27.7551, 0.2691, 0.3336

Triad

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



27.7551, 0.2920, 0.3607



27.7551, 0.2762, 0.2802



27.7551, 0.3709, 0.3470

Complementary

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



27.7551, 0.2920, 0.3607



20.3736, 0.3399, 0.2994

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.



27.7551, 0.3578, 0.3223



27.7551, 0.2920, 0.3607



27.7551, 0.3021, 0.2850

Square

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



27.7551, 0.2920, 0.3607



27.7551, 0.2604, 0.2876



27.7551, 0.3322, 0.3001



27.7551, 0.3674, 0.3685

Rectangle

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



27.7551, 0.2920, 0.3607



27.7551, 0.2601, 0.3150



27.7551, 0.3322, 0.3001



27.7551, 0.3683, 0.3388

Sweetspot

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



27.7563, 0.2920, 0.3607



53.0886, 0.3058, 0.3384



28.6082, 0.3282, 0.3939



11.9796, 0.3046, 0.3402



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.7563, 0.2920, 0.3607



47.8376, 0.2878, 0.3689



28.0973, 0.2769, 0.3278



6.9772, 0.3049, 0.3397



19.3210, 0.2689, 0.4882



0.2962, 0.2485, 0.4147

Inverse Universe

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



20.3736, 0.3399, 0.2994



32.5304, 0.3478, 0.2925



20.0656, 0.3633, 0.3302



6.2690, 0.3213, 0.3185



5.9959, 0.5021, 0.2540



0.0969, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 27.7551, 0.2920, 0.3607 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 27.7551, 0.2920, 0.3607 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 27.7551, 0.2920, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 27.7551, 0.2920, 0.3607.

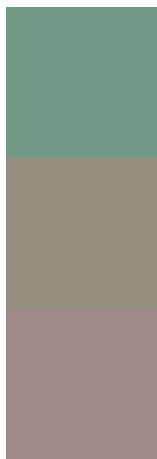


This preview shows how white text looks on a background with the Yxy color 27.7551, 0.2920, 0.3607.

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

27.7551, 0.2920, 0.3607

Protanopia

27.6195, 0.3334, 0.3518

Deuteranopia

27.3540, 0.3373, 0.3306



Tritanopia

27.6398, 0.2743, 0.3089

Trichromacy



Original Color

27.7551, 0.2920, 0.3607

Protanomaly

27.4307, 0.3168, 0.3542

Deuteranomaly

27.2621, 0.3197, 0.3405

Tritanomaly

27.5112, 0.2800, 0.3255

Monochromacy



Original Color

27.7551, 0.2920, 0.3607

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4985, 0.3048, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7551, 0.2920, 0.3607 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(114, 152, 134)` looks like.

```
.text, #text, p{  
    color:rgb(114, 152, 134)  
}
```

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(114, 152, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 152, 134) }
```

Border

The CSS property to change the border of an element to Yxy 27.7551, 0.2920, 0.3607 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(114, 152, 134) }
```

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

```
.border{ border-color:rgb(114, 152, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 152, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 152, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 152, 134);  
box-shadow:4px 4px 4px 4px rgb(114, 152,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7551, 0.2920, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 152, 134) }
```

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

```
.background{ background-color: rgb(114,  
152, 134) }
```

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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