

Converting Colors

$Y_{xy}(27.2695, 0.2895, 0.3428)$

Have a look what the booklet for
Yxy(27.2695, 0.2895, 0.3428)
contains.

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Color

$Y_{xy}(27.2695, 0.2895, 0.3428)$

Conversions

Conversions Part 1

Format	Color
Hex	76958D
RGB	118, 149, 141
RGB Percent	46%, 58%, 55%
CMY	0.5371, 0.4157, 0.4470
CMYK	0.21, 0.00, 0.05, 0.42
HSL	165°, 13%, 52%
HSV	165°, 21%, 58%
XYZ	23.0295, 27.2695, 29.2503
YIQ	138.8190, -15.9080, -9.0600

Conversions

Conversions Part 2

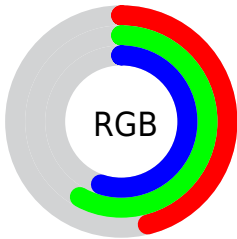
Format	Color
R_{YB}	118, 136, 149
Decimal	7771533
CIE Lab	59.22, -12.53, 0.65
CIE LCh	59, 12.542, 177.047
Yxy	27.2695, 0.2895, 0.3428
Android (android.graphics.Color)	4285961613 (0xFF76958D)
YUV	138.8190, 1.0752, -18.2583
Hunter-Lab	52.2202, -12.6655, 3.3438

Details

The Yxy color $27.2695, 0.2895, 0.3428$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.8603, 0.3426, 0.3157$, and the grayscale version is $25.7485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3099, 0.2943, 0.3391$, and $10.7559, 0.2812, 0.3472$ is the 20% darker color. If you saturate the color by 10%, you get $26.1957, 0.2793, 0.3504$, and if you desaturate by 10%, it is $28.5143, 0.3004, 0.3358$.

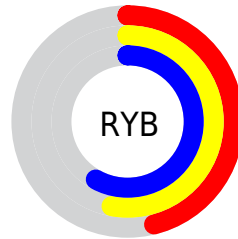
Distribution



Red (46%)

Green (58%)

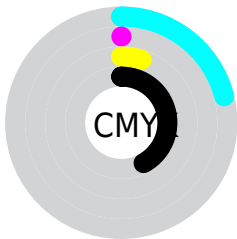
Blue (55%)



Red (46%)

Yellow (53%)

Blue (58%)

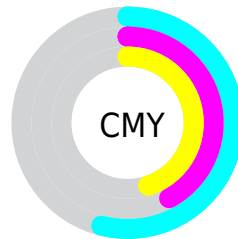


Cyan (21%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2695, 0.2895, 0.3428 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 27.2695, 0.2895, 0.3428 by changing the saturation by 10% instead.

■ 27.2695, 0.2895,
0.3428

■ 27.2695, 0.2895,
0.3428

288.9596, 0.3021,
0.3353

■ 17.7757, 0.2859,
0.3449

■ 55.3160, 0.2944,
0.3399

■ 10.7891, 0.2811,
0.3478

■ 74.6376, 0.2961,
0.3389

■ 5.9252, 0.2741,
0.3520

■ 98.0038, 0.2976,
0.3380

■ 2.7996, 0.2633,
0.3586

125.7992, 0.2988,
0.3373

■ 1.0280, 0.2406,
0.3721

158.4081, 0.2998,
0.3367

■ 0.0000, 0.0000,
0.0000

196.2148, 0.3007,

0.3361

239.6039, 0.3015,
0.3357

■ 27.2695, 0.2895,
0.3428

■ 27.2695, 0.2895,
0.3428

■ 26.1957, 0.2793,
0.3504

■ 28.5143, 0.3004,
0.3358

■ 25.2819, 0.2702,
0.3586

■ 29.9340, 0.3118,
0.3295

■ 24.5206, 0.2623,
0.3672

■ 31.5365, 0.3235,
0.3238

■ 23.9029, 0.2559,
0.3762

■ 33.3283, 0.3352,
0.3186

■ 23.4185, 0.2513,
0.3856

■ 35.3155, 0.3468,
0.3141

■ 23.0560, 0.2486,
0.3950

■ 37.5041, 0.3581,
0.3101

■ 22.8018, 0.2477,
0.4044

■ 39.8995, 0.3692,
0.3067

■ 22.6313, 0.2481,
0.4131

■ 42.5071, 0.3798,
0.3036

■ 45.3323, 0.3900,
0.3010

Harmonies

Analogous

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



27.2695, 0.3089, 0.3588



27.2695, 0.2895, 0.3428



27.2695, 0.2765, 0.3232

Triad

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



27.2695, 0.2895, 0.3428



27.2695, 0.2949, 0.2944



27.2695, 0.3542, 0.3501

Complementary

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



27.2695, 0.2895, 0.3428



20.8603, 0.3426, 0.3157

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.



27.2695, 0.3503, 0.3329



27.2695, 0.2895, 0.3428



27.2695, 0.3155, 0.3016

Square

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



27.2695, 0.2895, 0.3428



27.2695, 0.2795, 0.2958



27.2695, 0.3359, 0.3154



27.2695, 0.3466, 0.3624

Rectangle

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



27.2695, 0.2895, 0.3428



27.2695, 0.2729, 0.3111



27.2695, 0.3359, 0.3154



27.2695, 0.3542, 0.3447

Sweetspot

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



27.2706, 0.2895, 0.3428



52.2134, 0.3057, 0.3328



27.2600, 0.3186, 0.3832



11.5394, 0.3050, 0.3331



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.



27.2706, 0.2895, 0.3428



47.8945, 0.2846, 0.3463



25.3014, 0.2818, 0.3164



6.5369, 0.3022, 0.3348



19.0535, 0.2479, 0.4125



0.2380, 0.2358, 0.3688

Inverse Universe

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



20.8603, 0.3426, 0.3157



34.2644, 0.3514, 0.3124



22.4301, 0.3504, 0.3413



5.8385, 0.3244, 0.3233



5.5023, 0.5847, 0.2995



0.0716, 0.4807, 0.2422

Previews

White Background



This preview shows how the Yxy color 27.2695, 0.2895, 0.3428 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 27.2695, 0.2895, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

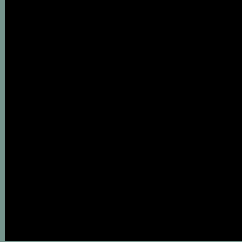
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

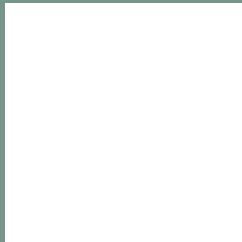
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.2695, 0.2895, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 27.2695, 0.2895, 0.3428.



This preview shows how white text looks on a background with the Yxy color 27.2695, 0.2895, 0.3428.

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

27.2695, 0.2895, 0.3428

Protanopia

27.2631, 0.3221, 0.3372

Deuteranopia

27.1287, 0.3263, 0.3212



Tritanopia

27.0913, 0.2774, 0.3088

Trichromacy



Original Color

27.2695, 0.2895, 0.3428

Protanomaly

27.3200, 0.3101, 0.3407

Deuteranomaly

27.0498, 0.3127, 0.3290

Tritanomaly

27.1275, 0.2817, 0.3204

Monochromacy



Original Color

27.2695, 0.2895, 0.3428

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.3637, 0.3030, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2695, 0.2895, 0.3428 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(118, 149, 141)` looks like.

```
.text, #text, p{  
    color:rgb(118, 149, 141)  
}
```

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(118, 149, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 149, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.2695, 0.2895, 0.3428 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(118, 149, 141) }
```

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

```
.border{ border-color:rgb(118, 149, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 149, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 149, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 149, 141);  
box-shadow:4px 4px 4px 4px rgb(118, 149,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2695, 0.2895, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 149, 141) }
```

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

```
.background{ background-color: rgb(118,  
149, 141) }
```

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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