

Converting Colors

$Yxy(27.3023, 0.2829, 0.3645)$

Have a look what the booklet for
Yxy(27.3023, 0.2829, 0.3645)
contains.

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Color

Yxy(27.3595, 0.2832, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	679985
RGB	103, 153, 133
RGB Percent	40%, 60%, 52%
CMY	0.5959, 0.4000, 0.4784
CMYK	0.33, 0.00, 0.13, 0.40
HSL	156°, 20%, 50%
HSV	156°, 33%, 60%
XYZ	21.2222, 27.3595, 26.3553
YIQ	135.7700, -23.3800, -16.8200

Conversions

Conversions Part 2

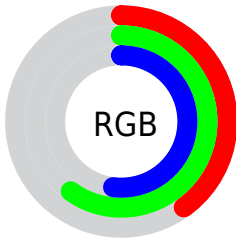
Format	Color
RYB	103, 134, 153
Decimal	6789509
CIELab	59.31, -21.26, 5.19
CIElCh	59, 21.885, 166.269
Yxy	27.3595, 0.2832, 0.3651
Android (android.graphics.Color)	4284979589 (0xFF679985)
YUV	135.7700, -1.3656, -28.7393
Hunter-Lab	52.3063, -19.1135, 6.7402

Details

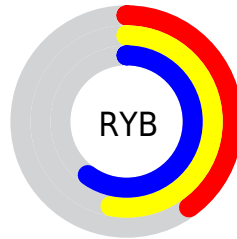
The Yxy color **27.3595, 0.2832, 0.3651** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.9113, 0.3562, 0.2958**, and the grayscale version is **24.5456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7248, 0.2899, 0.3579**, and **10.8997, 0.2715, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **26.3724, 0.2756, 0.3783**, and if you desaturate by 10%, it is **28.5243, 0.2917, 0.3528**.

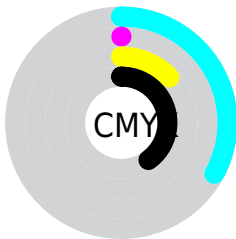
Distribution



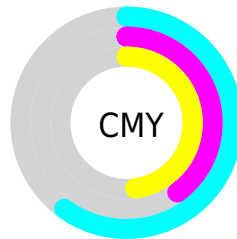
- Red (40%)
- Green (60%)
- Blue (52%)



- Red (40%)
- Yellow (53%)
- Blue (60%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)



- Cyan (60%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3595, 0.2832, 0.3651 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 27.3595, 0.2832, 0.3651 by changing the saturation by 10% instead.

■ 27.3595, 0.2832,
0.3651

■ 27.3595, 0.2832,
0.3651

■ 289.3936, 0.2995,
0.3450

■ 17.8434, 0.2786,
0.3709

■ 55.4602, 0.2895,
0.3572

■ 10.8376, 0.2722,
0.3790

■ 74.8136, 0.2918,
0.3545

■ 5.9577, 0.2629,
0.3909

■ 98.2149, 0.2936,
0.3522

■ 2.8194, 0.2482,
0.4101

■ 126.0485, 0.2952,
0.3503

■ 1.0382, 0.2039,
0.4600

■ 158.6988, 0.2965,
0.3487

■ 0.0000, 0.0000,
0.0000

196.5501, 0.2976,

0.3473

239.9869, 0.2986,
0.3461

■ 27.3595, 0.2832,
0.3651

■ 27.3595, 0.2832,
0.3651

■ 26.3724, 0.2756,
0.3783

■ 28.5243, 0.2917,
0.3528

■ 25.5504, 0.2693,
0.3925

■ 29.8718, 0.3007,
0.3416

■ 24.8846, 0.2644,
0.4072


■ 31.4113, 0.3102,
0.3315


■ 24.3638, 0.2613,
0.4224


■ 33.1501, 0.3198,
0.3224


■ 23.9751, 0.2601,
0.4377


■ 35.0954, 0.3294,
0.3144

 23.7035, 0.2609,
0.4528

 37.2538, 0.3388,
0.3072

 23.5498, 0.2622,
0.4637

 39.6318, 0.3480,
0.3009

 42.2354, 0.3569,
0.2954

 45.0706, 0.3654,
0.2906

Harmonies

Analogous

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



27.3595, 0.3185, 0.3892



27.3595, 0.2832, 0.3651



27.3595, 0.2568, 0.3302

Triad

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



27.3595, 0.2832, 0.3651



27.3595, 0.2708, 0.2693



27.3595, 0.3854, 0.3537

Complementary

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



27.3595, 0.2832, 0.3651



17.9113, 0.3562, 0.2958

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.



27.3595, 0.3714, 0.3237



27.3595, 0.2832, 0.3651



27.3595, 0.3035, 0.2769

Square

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



27.3595, 0.2832, 0.3651



27.3595, 0.2500, 0.2761



27.3595, 0.3407, 0.2963



27.3595, 0.3785, 0.3797

Rectangle

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



27.3595, 0.2832, 0.3651



27.3595, 0.2472, 0.3075



27.3595, 0.3407, 0.2963



27.3595, 0.3830, 0.3438

Sweetspot

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



27.3606, 0.2832, 0.3651



54.1448, 0.3030, 0.3391



28.0353, 0.3291, 0.4169



11.8807, 0.3018, 0.3404



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.



27.3606, 0.2832, 0.3651



47.7117, 0.2777, 0.3744



26.6277, 0.2665, 0.3216



6.9847, 0.3039, 0.3380



19.4715, 0.2619, 0.4627



0.2983, 0.2440, 0.3985

Inverse Universe

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



17.9113, 0.3562, 0.2958



28.1623, 0.3697, 0.2884



18.3099, 0.3832, 0.3363



6.2616, 0.3224, 0.3201



5.8838, 0.5324, 0.2707



0.0949, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 27.3595, 0.2832, 0.3651 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 27.3595, 0.2832, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

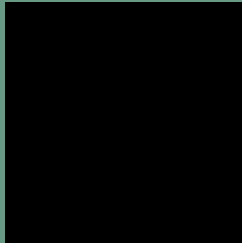
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3595, 0.2832, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 27.3595, 0.2832, 0.3651.

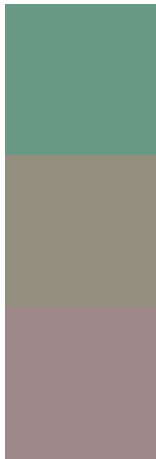


This preview shows how white text looks on a background with the Yxy color 27.3595, 0.2832, 0.3651.

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

27.3595, 0.2832, 0.3651

Protanopia

27.1742, 0.3346, 0.3536

Deuteranopia

26.9380, 0.3374, 0.3306



Tritanopia

27.3193, 0.2652, 0.3085

Trichromacy



Original Color

27.3595, 0.2832, 0.3651

Protanomaly

27.0483, 0.3145, 0.3581

Deuteranomaly

26.7975, 0.3153, 0.3424

Tritanomaly

27.1729, 0.2715, 0.3271

Monochromacy



Original Color

27.3595, 0.2832, 0.3651

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.3804, 0.3006, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3595, 0.2832, 0.3651 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(103, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(103, 153, 133)  
}
```

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(103, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 153, 133) }
```

Border

The CSS property to change the border of an element to Yxy 27.3595, 0.2832, 0.3651 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(103, 153, 133) }
```

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

```
.border{ border-color:rgb(103, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(103, 153,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3595, 0.2832, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 153, 133) }
```

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

```
.background{ background-color: rgb(103,  
153, 133) }
```

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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