

Converting Colors

$Y_{xy}(27.6747, 0.2870, 0.3552)$

Have a look what the booklet for
Yxy(27.6747, 0.2870, 0.3552)
contains.

Yxy(27.6421, 0.2867, 0.3554)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(27.6421, 0.2867, 0.3554)$

Conversions

Conversions Part 1

Format	Color
Hex	6F9889
RGB	111, 152, 137
RGB Percent	44%, 60%, 54%
CMY	0.5648, 0.4039, 0.4626
CMYK	0.27, 0.00, 0.10, 0.40
HSL	158°, 17%, 52%
HSV	158°, 27%, 60%
XYZ	22.2988, 27.6421, 27.8365
YIQ	138.0310, -19.6210, -13.3570

Conversions

Conversions Part 2

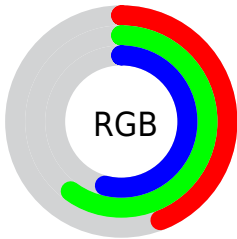
Format	Color
RYB	111, 136, 152
Decimal	7313545
CIELab	59.56, -17.33, 3.35
CIElCh	60, 17.649, 169.066
Yxy	27.6421, 0.2867, 0.3554
Android (android.graphics.Color)	4285503625 (0xFF6F9889)
YUV	138.0310, -0.5083, -23.7062
Hunter-Lab	52.5758, -16.3009, 5.4116

Details

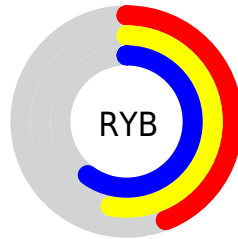
The Yxy color **27.6421, 0.2867, 0.3554** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5462, 0.3485, 0.3042**, and the grayscale version is **25.4354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7528, 0.2927, 0.3497**, and **11.0196, 0.2779, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **26.5846, 0.2782, 0.3669**, and if you desaturate by 10%, it is **28.8779, 0.2960, 0.3448**.

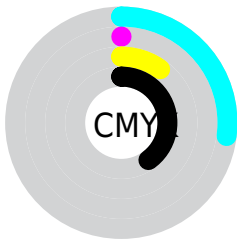
Distribution



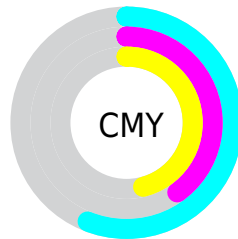
- Red (44%)
- Green (60%)
- Blue (54%)



- Red (44%)
- Yellow (53%)
- Blue (60%)



- Cyan (27%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (56%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6421, 0.2867, 0.3554 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 27.6421, 0.2867, 0.3554 by changing the saturation by 10% instead.


 27.6421, 0.2867,
0.3554

 27.6421, 0.2867,
0.3554


290.7528, 0.3009,
0.3408

 18.0560, 0.2827,
0.3596


 55.9125, 0.2922,
0.3497


 10.9902, 0.2772,
0.3653


 75.3657, 0.2942,
0.3477

 6.0603, 0.2692,
0.3737

 98.8767, 0.2958,
0.3461

 2.8818, 0.2567,
0.3871

 126.8299, 0.2971,
0.3447

 1.0703, 0.2268,
0.4161

159.6097, 0.2983,
0.3435

 0.0000, 0.0000,
0.0000

197.6005, 0.2993,

0.3425

241.1867, 0.3002,
0.3416

■ 27.6421, 0.2867,
0.3554

■ 27.6421, 0.2867,
0.3554

■ 26.5846, 0.2782,
0.3669

■ 28.8779, 0.2960,
0.3448

■ 25.6933, 0.2708,
0.3793

■ 30.2965, 0.3057,
0.3352

■ 24.9601, 0.2648,
0.3923

■ 31.9066, 0.3158,
0.3265

■ 24.3745, 0.2604,
0.4058

■ 33.7153, 0.3259,
0.3187

■ 23.9250, 0.2578,
0.4197

■ 35.7293, 0.3359,
0.3118

■ 23.5983, 0.2571,
0.4335

■ 37.9551, 0.3458,
0.3058

■ 23.3727, 0.2583,
0.4471

■ 40.3986, 0.3553,
0.3004

■ 23.3118, 0.2587,
0.4513

■ 43.0658, 0.3646,
0.2958

■ 45.9623, 0.3734,
0.2917

Harmonies

Analogous

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



27.6421, 0.3149, 0.3756



27.6421, 0.2867, 0.3554



27.6421, 0.2660, 0.3277

Triad

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



27.6421, 0.2867, 0.3554



27.6421, 0.2810, 0.2805



27.6421, 0.3712, 0.3518

Complementary

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



27.6421, 0.2867, 0.3554



19.5462, 0.3485, 0.3042

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.



27.6421, 0.3614, 0.3274



27.6421, 0.2867, 0.3554



27.6421, 0.3083, 0.2876

Square

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



27.6421, 0.2867, 0.3554



27.6421, 0.2629, 0.2853



27.6421, 0.3380, 0.3044



27.6421, 0.3644, 0.3718

Rectangle

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



27.6421, 0.2867, 0.3554



27.6421, 0.2589, 0.3098



27.6421, 0.3380, 0.3044



27.6421, 0.3698, 0.3438

Sweetspot

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



27.6432, 0.2867, 0.3554



53.1631, 0.3046, 0.3362



28.0427, 0.3244, 0.4006



11.9993, 0.3032, 0.3376



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.



27.6432, 0.2867, 0.3554



47.6997, 0.2818, 0.3618



26.3686, 0.2735, 0.3194



6.9882, 0.3035, 0.3372



19.5513, 0.2584, 0.4504



0.2992, 0.2420, 0.3913

Inverse Universe

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



19.5462, 0.3485, 0.3042



31.1159, 0.3586, 0.2987



20.4184, 0.3665, 0.3384



6.2581, 0.3229, 0.3209



5.8381, 0.5463, 0.2783



0.0939, 0.4434, 0.2216

Previews

White Background



This preview shows how the Yxy color 27.6421, 0.2867, 0.3554 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 27.6421, 0.2867, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

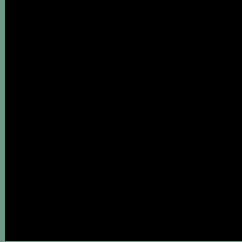
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6421, 0.2867, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 27.6421, 0.2867, 0.3554.

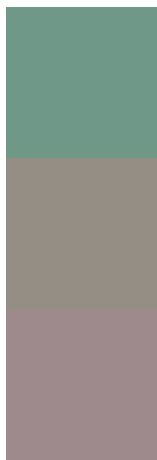


This preview shows how white text looks on a background with the Yxy color 27.6421, 0.2867, 0.3554.

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

27.6421, 0.2867, 0.3554

Protanopia

27.3078, 0.3294, 0.3453

Deuteranopia

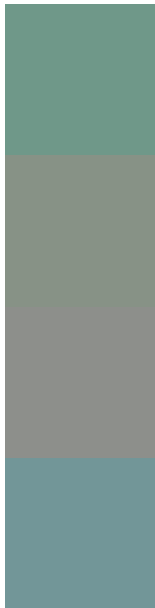
27.3395, 0.3329, 0.3259



Tritanopia

27.7460, 0.2718, 0.3104

Trichromacy



Original Color

27.6421, 0.2867, 0.3554

Protanomaly

27.4299, 0.3128, 0.3492

Deuteranomaly

27.1717, 0.3145, 0.3356

Tritanomaly

27.6571, 0.2767, 0.3255

Monochromacy



Original Color

27.6421, 0.2867, 0.3554

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0691, 0.3019, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6421, 0.2867, 0.3554 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(111, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 137)  
}
```

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(111, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 137) }
```

Border

The CSS property to change the border of an element to Yxy 27.6421, 0.2867, 0.3554 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(111, 152, 137) }
```

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

```
.border{ border-color:rgb(111, 152, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(111, 152,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6421, 0.2867, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 137) }
```

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

```
.background{ background-color: rgb(111,  
152, 137) }
```

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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