

Converting Colors

$Y_{xy}(27.8377, 0.2741, 0.3366)$

Have a look what the booklet for
Yxy(27.8377, 0.2741, 0.3366)
contains.

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Color

$Yxy(27.7204, 0.2743, 0.3359)$

Conversions

Conversions Part 1

Format	Color
Hex	6B9894
RGB	107, 152, 148
RGB Percent	42%, 60%, 58%
CMY	0.5804, 0.4039, 0.4197
CMYK	0.30, 0.00, 0.03, 0.40
HSL	175°, 18%, 51%
HSV	175°, 30%, 60%
XYZ	22.6368, 27.7204, 32.1685
YIQ	138.0890, -25.5360, -10.7840

Conversions

Conversions Part 2

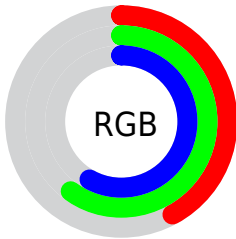
Format	Color
RYB	107, 131, 152
Decimal	7051412
CIELab	59.64, -16.09, -2.80
CIELCh	60, 16.327, 189.872
Yxy	27.7204, 0.2743, 0.3359
Android (android.graphics.Color)	4285241492 (0xFF6B9894)
YUV	138.0890, 4.8861, -27.2651
Hunter-Lab	52.6502, -15.3921, 0.6297

Details

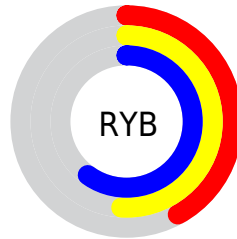
The Yxy color **27.7204, 0.2743, 0.3359** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.3416, 0.3705, 0.3224**, and the grayscale version is **25.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.8805, 0.2823, 0.3340**, and **11.0403, 0.2612, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **26.8179, 0.2634, 0.3386**, and if you desaturate by 10%, it is **28.7913, 0.2864, 0.3334**.

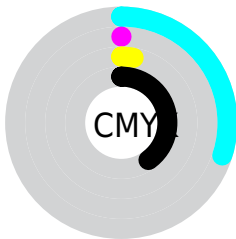
Distribution



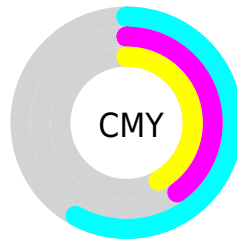
- Red (42%)
- Green (60%)
- Blue (58%)



- Red (42%)
- Yellow (51%)
- Blue (60%)



- Cyan (30%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)




- Cyan (58%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7204, 0.2743, 0.3359 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 27.7204, 0.2743, 0.3359 by changing the saturation by 10% instead.


 27.7204, 0.2743,
0.3359


 27.7204, 0.2743,
0.3359


291.1285, 0.2950,
0.3324


 18.1150, 0.2686,
0.3368


 56.0377, 0.2822,
0.3346

 11.0326, 0.2608,
0.3380


 75.5185, 0.2851,
0.3341

 6.0888, 0.2499,
0.3395

 99.0598, 0.2874,
0.3337

 2.8991, 0.2331,
0.3417

 127.0460, 0.2894,
0.3333

 1.0793, 0.1995,
0.3467

159.8616, 0.2911,
0.3330

 0.0000, 0.0000,
0.0000

197.8909, 0.2926,

0.3328

241.5184, 0.2939,
0.3326

■ 27.7204, 0.2743,
0.3359

■ 27.7204, 0.2743,
0.3359

■ 26.8179, 0.2634,
0.3386

■ 28.7913, 0.2864,
0.3334

■ 26.0717, 0.2539,
0.3414

■ 30.0352, 0.2995,
0.3311

■ 25.4736, 0.2461,
0.3443

■ 31.4608, 0.3133,
0.3289

■ 25.0129, 0.2400,
0.3473

■ 33.0751, 0.3274,
0.3270

■ 24.6780, 0.2358,
0.3502

■ 34.8850, 0.3418,
0.3253

■ 24.4548, 0.2334,
0.3532

■ 36.8966, 0.3561,
0.3237

■ 24.3105, 0.2323,
0.3562

■ 39.1162, 0.3702,
0.3224

■ 24.3050, 0.2323,
0.3563

■ 41.5494, 0.3840,
0.3212

■ 44.2020, 0.3973,
0.3202

Harmonies

Analogous

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



27.7204, 0.2963, 0.3601



27.7204, 0.2743, 0.3359



27.7204, 0.2626, 0.3108

Triad

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



27.7204, 0.2743, 0.3359



27.7204, 0.3004, 0.2875



27.7204, 0.3640, 0.3638

Complementary

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



27.7204, 0.2743, 0.3359



18.3416, 0.3705, 0.3224

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.



27.7204, 0.3656, 0.3435



27.7204, 0.2743, 0.3359



27.7204, 0.3279, 0.3006

Square

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



27.7204, 0.2743, 0.3359



27.7204, 0.2771, 0.2842



27.7204, 0.3522, 0.3207



27.7204, 0.3482, 0.3760

Rectangle

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



27.7204, 0.2743, 0.3359



27.7204, 0.2619, 0.2974



27.7204, 0.3522, 0.3207



27.7204, 0.3662, 0.3577

Sweetspot

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



27.7215, 0.2743, 0.3359



53.1132, 0.3001, 0.3310



26.9318, 0.3132, 0.4114



11.9997, 0.2983, 0.3313



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.



27.7215, 0.2743, 0.3359



47.7675, 0.2664, 0.3378



22.4454, 0.2677, 0.2966



7.0170, 0.3000, 0.3310



20.3808, 0.2323, 0.3561



0.3071, 0.2286, 0.3428

Inverse Universe

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



18.3416, 0.3705, 0.3224



28.2839, 0.3905, 0.3207



22.4065, 0.3678, 0.3592



6.2312, 0.3270, 0.3270



5.6250, 0.6270, 0.3228



0.0862, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 27.7204, 0.2743, 0.3359 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 27.7204, 0.2743, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

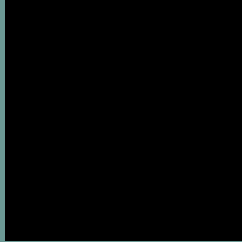
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

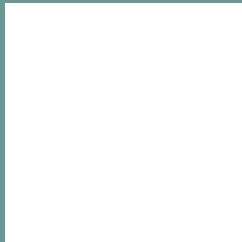
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.7204, 0.2743, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 27.7204, 0.2743, 0.3359.



This preview shows how white text looks on a background with the Yxy color 27.7204, 0.2743, 0.3359.

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

27.7204, 0.2743, 0.3359

Protanopia

27.4100, 0.3170, 0.3290

Deuteranopia

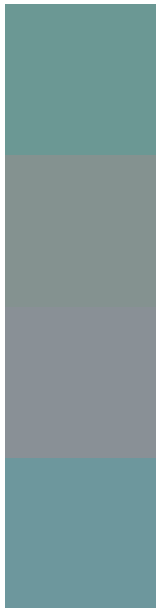
27.5696, 0.3168, 0.3104



Tritanopia

27.7363, 0.2655, 0.3086

Trichromacy



Original Color

27.7204, 0.2743, 0.3359

Protanomaly

27.4769, 0.3003, 0.3323

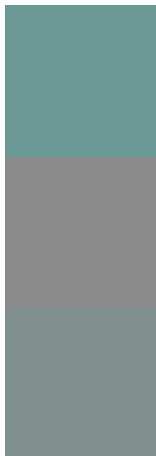
Deuteranomaly

27.4669, 0.2997, 0.3192

Tritanomaly

27.8187, 0.2687, 0.3186

Monochromacy



Original Color

27.7204, 0.2743, 0.3359

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.1099, 0.2971, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7204, 0.2743, 0.3359 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(107, 152, 148)` looks like.

```
.text, #text, p{  
    color:rgb(107, 152, 148)  
}
```

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(107, 152, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 152, 148) }
```

Border

The CSS property to change the border of an element to Yxy 27.7204, 0.2743, 0.3359 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(107, 152, 148) }
```

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

```
.border{ border-color:rgb(107, 152, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 152, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 152, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 152, 148);  
box-shadow:4px 4px 4px 4px rgb(107, 152,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7204, 0.2743, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 152, 148) }
```

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

```
.background{ background-color: rgb(107,  
152, 148) }
```

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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