

Converting Colors

$Y_{xy}(32.7851, 0.2747, 0.3440)$

Have a look what the booklet for
Yxy(32.7851, 0.2747, 0.3440)
contains.

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Color

Yxy(32.7553, 0.2743, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	70A59C
RGB	112, 165, 156
RGB Percent	44%, 65%, 61%
CMY	0.5607, 0.3530, 0.3882
CMYK	0.32, 0.00, 0.05, 0.35
HSL	170°, 23%, 54%
HSV	170°, 32%, 65%
XYZ	26.1413, 32.7553, 36.4054
YIQ	148.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

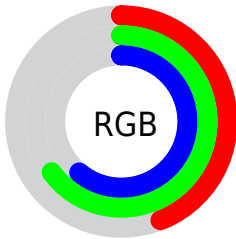
Format	Color
R_{YB}	112, 141, 165
Decimal	7382428
CIE _{Lab}	63.96, -19.50, -0.95
CIE _{LCh}	64, 19.526, 182.781
Yxy	32.7553, 0.2743, 0.3437
Android (android.graphics.Color)	4285572508 (0xFF70A59C)
YUV	148.1270, 3.8814, -31.6834
Hunter-Lab	57.2322, -18.6250, 2.3483

Details

The Yxy color **32.7553, 0.2743, 0.3437** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9733, 0.3720, 0.3151**, and the grayscale version is **29.6656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8389, 0.2819, 0.3412**, and **13.8223, 0.2615, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **31.6777, 0.2644, 0.3490**, and if you desaturate by 10%, it is **34.0361, 0.2854, 0.3387**.

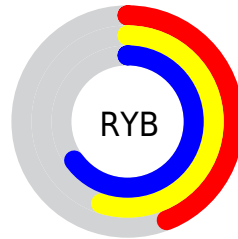
Distribution



Red (44%)

Green (65%)

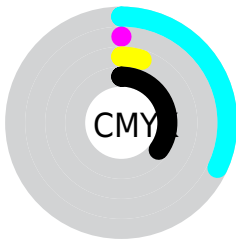
Blue (61%)



Red (44%)

Yellow (55%)

Blue (65%)

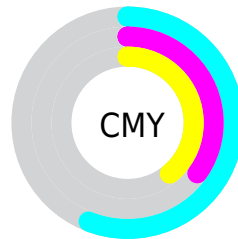


Cyan (32%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (56%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.7553, 0.2743, 0.3437 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 32.7553, 0.2743, 0.3437 by changing the saturation by 10% instead.


 32.7553, 0.2743,
0.3437


 32.7553, 0.2743,
0.3437


314.5457, 0.2945,
0.3360


 21.9391, 0.2689,
0.3457


 63.9933, 0.2819,
0.3408


 13.8121, 0.2617,
0.3484


 85.1839, 0.2847,
0.3398

 7.9901, 0.2517,
0.3521


 110.6013, 0.2870,
0.3389

 4.0886, 0.2370,
0.3575

 140.6300, 0.2890,
0.3381

 1.7233, 0.2129,
0.3661

175.6544, 0.2907,
0.3375

 0.4386, 0.0000,
0.4465

216.0589, 0.2921,

 0.0000, 0.0000,

0.3369

0.0000

262.2278, 0.2934,
0.3365

■ 32.7553, 0.2743,
0.3437

■ 32.7553, 0.2743,
0.3437

■ 31.6777, 0.2644,
0.3490

■ 34.0361, 0.2854,
0.3387

■ 30.7884, 0.2560,
0.3546

■ 35.5261, 0.2974,
0.3341

■ 30.0770, 0.2492,
0.3605


■ 37.2360, 0.3100,
0.3298


■ 29.5300, 0.2442,
0.3664

■ 39.1746, 0.3230,
0.3260


■ 29.1324, 0.2411,
0.3724

■ 41.3503, 0.3362,
0.3226


 28.8662, 0.2399,
0.3784

 43.7709, 0.3493,
0.3195

 28.7164, 0.2397,
0.3831

 46.4438, 0.3623,
0.3169

 49.3764, 0.3749,
0.3145

 51.5132, 0.3821,
0.3122

Harmonies

Analogous

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



32.7553, 0.3009, 0.3697



32.7553, 0.2743, 0.3437



32.7553, 0.2582, 0.3145

Triad

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



32.7553, 0.2743, 0.3437



32.7553, 0.2918, 0.2804



32.7553, 0.3727, 0.3632

Complementary

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



32.7553, 0.2743, 0.3437



20.9733, 0.3720, 0.3151

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.



32.7553, 0.3705, 0.3390



32.7553, 0.2743, 0.3437



32.7553, 0.3225, 0.2927

Square

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



32.7553, 0.2743, 0.3437



32.7553, 0.2679, 0.2795



32.7553, 0.3517, 0.3137



32.7553, 0.3582, 0.3800

Rectangle

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



32.7553, 0.2743, 0.3437



32.7553, 0.2551, 0.2979



32.7553, 0.3517, 0.3137



32.7553, 0.3740, 0.3556

Sweetspot

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



32.7566, 0.2743, 0.3437



64.1846, 0.2998, 0.3332



32.1980, 0.3172, 0.4191



13.9474, 0.2981, 0.3338



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.7566, 0.2743, 0.3437



57.1649, 0.2666, 0.3477



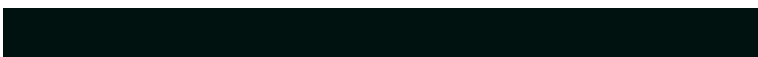
27.4126, 0.2645, 0.3008



7.9906, 0.3009, 0.3328



21.7315, 0.2396, 0.3825



0.4618, 0.2336, 0.3609

Inverse Universe

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



20.9733, 0.3720, 0.3151



32.5070, 0.3927, 0.3117



24.8171, 0.3762, 0.3554



7.1046, 0.3259, 0.3252



6.1202, 0.6113, 0.3141



0.1338, 0.5309, 0.2698

Previews

White Background



This preview shows how the Yxy color 32.7553, 0.2743, 0.3437 looks on a white background.

Color Contrast Check

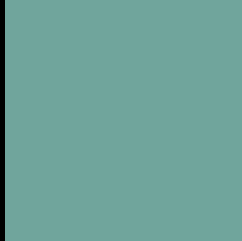
Large Text (above 18pt) WCAG AA × Fail

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 32.7553, 0.2743, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

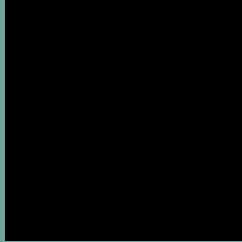
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.7553, 0.2743, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 32.7553, 0.2743, 0.3437.

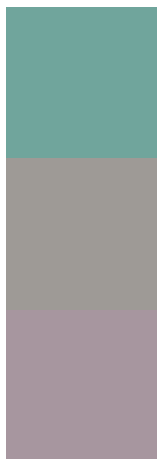


This preview shows how white text looks on a background with the Yxy color 32.7553, 0.2743, 0.3437.

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

32.7553, 0.2743, 0.3437

Protanopia

32.5823, 0.3204, 0.3351

Deuteranopia

32.5314, 0.3215, 0.3159



Tritanopia

32.6488, 0.2631, 0.3083

Trichromacy



Original Color

32.7553, 0.2743, 0.3437

Protanomaly

32.3834, 0.3018, 0.3384

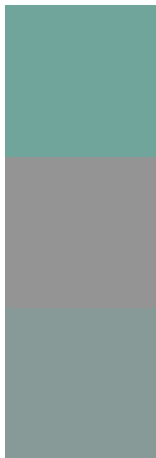
Deuteranomaly

32.1144, 0.3023, 0.3244

Tritanomaly

32.6664, 0.2675, 0.3208

Monochromacy



Original Color

32.7553, 0.2743, 0.3437

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.4965, 0.2970, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7553, 0.2743, 0.3437 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(112, 165, 156)` looks like.

```
.text, #text, p{  
    color:rgb(112, 165, 156)  
}
```

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(112, 165, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 165, 156) }
```

Border

The CSS property to change the border of an element to Yxy 32.7553, 0.2743, 0.3437 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(112, 165, 156) }
```

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

```
.border{ border-color:rgb(112, 165, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 165, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 165, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 165, 156); box-shadow:4px 4px 4px 4px rgb(112, 165, 156) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 32.7553, 0.2743, 0.3437$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 165, 156) }
```

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

```
.background{ background-color: rgb(112,  
165, 156) }
```

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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