

Converting Colors

$Yxy(32.9610, 0.2521, 0.3223)$

Have a look what the booklet for
Yxy(32.9610, 0.2521, 0.3223)
contains.

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Color

Yxy(32.9574, 0.2521, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	5EA7AB
RGB	94, 167, 171
RGB Percent	37%, 65%, 67%
CMY	0.6314, 0.3451, 0.3293
CMYK	0.45, 0.02, 0.00, 0.33
HSL	183°, 31%, 52%
HSV	183°, 45%, 67%
XYZ	25.7870, 32.9574, 43.5443
YIQ	145.6290, -44.7920, -14.2320

Conversions

Conversions Part 2

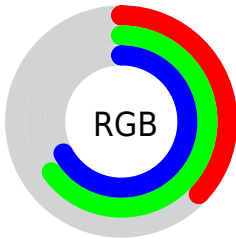
Format	Color
RYB	94, 131, 171
Decimal	6203307
CIELab	64.13, -21.69, -9.20
CIELCh	64, 23.558, 202.993
Yxy	32.9574, 0.2521, 0.3222
Android (android.graphics.Color)	4284393387 (0xFF5EA7AB)
YUV	145.6290, 12.5079, -45.2786
Hunter-Lab	57.4085, -20.2857, -4.7854

Details

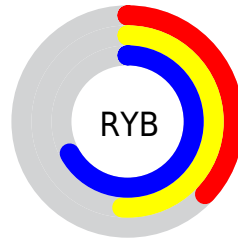
The Yxy color **32.9574, 0.2521, 0.3222** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2088, 0.4272, 0.3355**, and the grayscale version is **28.5472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1231, 0.2639, 0.3240**, and **13.9867, 0.2333, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **31.8260, 0.2423, 0.3205**, and if you desaturate by 10%, it is **34.2939, 0.2635, 0.3239**.

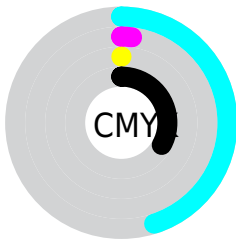
Distribution



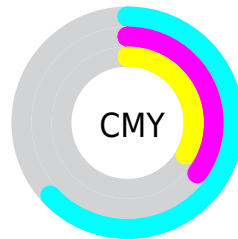
- Red (37%)
- Green (65%)
- Blue (67%)



- Red (37%)
- Yellow (51%)
- Blue (67%)



- Cyan (45%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (63%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9574, 0.2521, 0.3222 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 32.9574, 0.2521, 0.3222 by changing the saturation by 10% instead.

 32.9574, 0.2521,
0.3222

 32.9574, 0.2521,
0.3222


315.4577, 0.2836,
0.3265

 22.0938, 0.2439,
0.3208


 64.3090, 0.2638,
0.3240


 13.9258, 0.2331,
0.3188


 85.5658, 0.2681,
0.3246

 8.0691, 0.2185,
0.3158


 111.0558, 0.2717,
0.3250

 4.1392, 0.1975,
0.3106

 141.1635, 0.2748,
0.3254

 1.7517, 0.1652,
0.3007

176.2731, 0.2775,
0.3258

 0.4568, 0.0000,
0.2840

216.7690, 0.2798,

 0.0000, 0.0000,

0.3260

0.0000

263.0358, 0.2818,
0.3263

■ 32.9574, 0.2521,
0.3222

■ 32.9574, 0.2521,
0.3222

■ 31.8260, 0.2423,
0.3205

■ 34.2939, 0.2635,
0.3239

■ 30.8826, 0.2343,
0.3187

■ 35.8439, 0.2763,
0.3255

■ 30.1133, 0.2281,
0.3170


■ 37.6198, 0.2903,
0.3269


■ 29.5009, 0.2238,
0.3153


■ 39.6321, 0.3050,
0.3283


■ 29.0239, 0.2212,
0.3136

■ 41.8905, 0.3204,
0.3296

 28.8126, 0.2202,
0.3127

 44.4042, 0.3360,
0.3308

 47.1819, 0.3516,
0.3318

 50.2321, 0.3671,
0.3327

 53.5625, 0.3822,
0.3335

Harmonies

Analogous

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



32.9574, 0.2758, 0.3581



32.9574, 0.2521, 0.3222



32.9574, 0.2440, 0.2911

Triad

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



32.9574, 0.2521, 0.3222



32.9574, 0.3118, 0.2798



32.9574, 0.3750, 0.3848

Complementary

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



32.9574, 0.2521, 0.3222



18.2088, 0.4272, 0.3355

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.



32.9574, 0.3866, 0.3605



32.9574, 0.2521, 0.3222



32.9574, 0.3490, 0.3017

Square

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



32.9574, 0.2521, 0.3222



32.9574, 0.2769, 0.2692



32.9574, 0.3770, 0.3304



32.9574, 0.3466, 0.3954

Rectangle

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



32.9574, 0.2521, 0.3222



32.9574, 0.2480, 0.2772



32.9574, 0.3770, 0.3304



32.9574, 0.3810, 0.3778

Sweetspot

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



32.9587, 0.2521, 0.3222



67.6203, 0.2914, 0.3271



32.3951, 0.3036, 0.4600



14.9212, 0.2884, 0.3268



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.9587, 0.2521, 0.3222



56.9937, 0.2424, 0.3205



20.9319, 0.2404, 0.2545



8.9992, 0.2986, 0.3278



21.7367, 0.2203, 0.3129



0.6260, 0.2217, 0.3181

Inverse Universe

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



19.4557, 0.3227, 0.2260



29.9552, 0.3251, 0.2064



27.1802, 0.3998, 0.3926



8.1407, 0.3145, 0.3078



8.4974, 0.3342, 0.1615



0.2385, 0.3298, 0.1591

Previews

White Background



This preview shows how the Yxy color 32.9574, 0.2521, 0.3222 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 32.9574, 0.2521, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

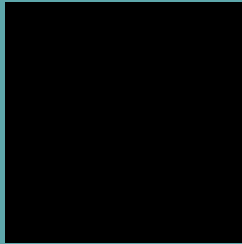
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9574, 0.2521, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 32.9574, 0.2521, 0.3222.

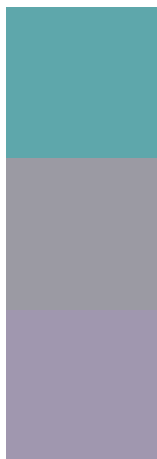


This preview shows how white text looks on a background with the Yxy color 32.9574, 0.2521, 0.3222.

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

32.9574, 0.2521, 0.3222

Protanopia

32.7241, 0.3055, 0.3156

Deuteranopia

32.7019, 0.2997, 0.2943



Tritanopia

33.0139, 0.2480, 0.3079

Trichromacy



Original Color

32.9574, 0.2521, 0.3222

Protanomaly

32.5360, 0.2830, 0.3180

Deuteranomaly

32.4042, 0.2790, 0.3029

Tritanomaly

32.8399, 0.2493, 0.3126

Monochromacy



Original Color

32.9574, 0.2521, 0.3222

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.9898, 0.2862, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9574, 0.2521, 0.3222 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(94, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(94, 167, 171)  
}
```

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(94, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 167, 171) }
```

Border

The CSS property to change the border of an element to Yxy 32.9574, 0.2521, 0.3222 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(94, 167, 171) }
```

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

```
.border{ border-color:rgb(94, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(94, 167,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9574, 0.2521, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 167, 171) }
```

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

```
.background{ background-color: rgb(94, 167,  
171) }
```

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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