

Converting Colors

$Y_{xy}(32.3749, 0.2525, 0.3255)$

Have a look what the booklet for
Yxy(32.3749, 0.2525, 0.3255)
contains.

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Color

Yxy(32.3749, 0.2525, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	5CA6A8
RGB	92, 166, 168
RGB Percent	36%, 65%, 66%
CMY	0.6394, 0.3490, 0.3412
CMYK	0.45, 0.01, 0.00, 0.34
HSL	182°, 30%, 51%
HSV	182°, 45%, 66%
XYZ	25.1142, 32.3749, 41.9730
YIQ	144.1020, -44.7460, -15.0660

Conversions

Conversions Part 2

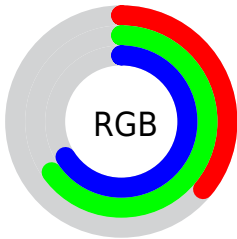
Format	Color
RYB	92, 129, 168
Decimal	6071976
CIELab	63.65, -22.48, -8.23
CIElCh	64, 23.938, 200.101
Yxy	32.3749, 0.2525, 0.3255
Android (android.graphics.Color)	4284262056 (0xFF5CA6A8)
YUV	144.1020, 11.7817, -45.6935
Hunter-Lab	56.8989, -20.7865, -3.9076

Details

The Yxy color **32.3749, 0.2525, 0.3255** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.0932, 0.4293, 0.3324**, and the grayscale version is **27.8944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2437, 0.2643, 0.3264**, and **13.6357, 0.2335, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **31.4453, 0.2430, 0.3246**, and if you desaturate by 10%, it is **33.4994, 0.2636, 0.3263**.

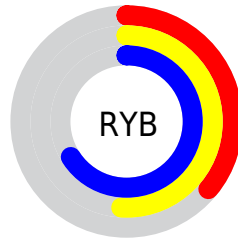
Distribution



Red (36%)

Green (65%)

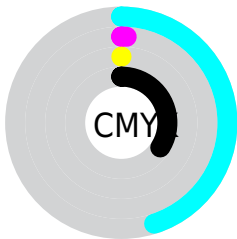
Blue (66%)



Red (36%)

Yellow (51%)

Blue (66%)

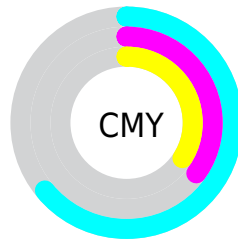


Cyan (45%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (64%)


Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3749, 0.2525, 0.3255 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 32.3749, 0.2525, 0.3255 by changing the saturation by 10% instead.

 32.3749, 0.2525,
0.3255


 32.3749, 0.2525,
0.3255


312.8235, 0.2839,
0.3280


 21.6480, 0.2443,
0.3246


 63.3984, 0.2642,
0.3266

 13.5985, 0.2335,
0.3232


 84.4637, 0.2685,
0.3270

 7.8419, 0.2187,
0.3210


 109.7440, 0.2721,
0.3272

 3.9940, 0.1974,
0.3171

 139.6237, 0.2752,
0.3275

 1.6702, 0.1644,
0.3091

174.4870, 0.2778,
0.3276

 0.4042, 0.0000,
0.2846

214.7185, 0.2801,

 0.0000, 0.0000,

0.3278

0.0000

260.7026, 0.2821,
0.3279

■ 32.3749, 0.2525,
0.3255

■ 32.3749, 0.2525,
0.3255

■ 31.4453, 0.2430,
0.3246

■ 33.4994, 0.2636,
0.3263

■ 30.6940, 0.2354,
0.3238

■ 34.8266, 0.2762,
0.3272

■ 30.1078, 0.2295,
0.3229


■ 36.3686, 0.2900,
0.3279


■ 29.6702, 0.2256,
0.3220

■ 38.1354, 0.3047,
0.3286

■ 29.3602, 0.2233,
0.3212

■ 40.1363, 0.3200,
0.3293

 29.2344, 0.2225,
0.3208

 42.3800, 0.3357,
0.3299

 44.8750, 0.3515,
0.3305

 47.6293, 0.3671,
0.3309

 50.6504, 0.3824,
0.3314

Harmonies

Analogous

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



32.3749, 0.2780, 0.3621



32.3749, 0.2525, 0.3255



32.3749, 0.2426, 0.2928

Triad

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



32.3749, 0.2525, 0.3255



32.3749, 0.3080, 0.2772



32.3749, 0.3783, 0.3841

Complementary

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



32.3749, 0.2525, 0.3255



17.0932, 0.4293, 0.3324

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.



32.3749, 0.3882, 0.3582



32.3749, 0.2525, 0.3255



32.3749, 0.3463, 0.2985

Square

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



32.3749, 0.2525, 0.3255



32.3749, 0.2731, 0.2676



32.3749, 0.3764, 0.3274



32.3749, 0.3506, 0.3967

Rectangle

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



32.3749, 0.2525, 0.3255



32.3749, 0.2456, 0.2777



32.3749, 0.3764, 0.3274



32.3749, 0.3839, 0.3765

Sweetspot

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



32.3762, 0.2525, 0.3255



66.2975, 0.2915, 0.3280



31.0741, 0.3053, 0.4652



14.3145, 0.2885, 0.3278



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.3762, 0.2525, 0.3255



57.1008, 0.2433, 0.3247



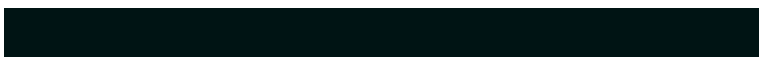
20.7245, 0.2410, 0.2589



8.4978, 0.2987, 0.3284



22.0875, 0.2225, 0.3209



0.5475, 0.2232, 0.3237

Inverse Universe

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



18.7248, 0.3202, 0.2233



29.3582, 0.3219, 0.2038



25.3959, 0.4019, 0.3892



7.6632, 0.3141, 0.3073



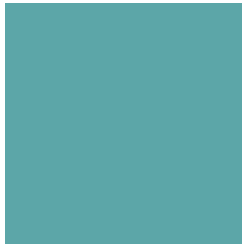
8.3008, 0.3275, 0.1578



0.2030, 0.3251, 0.1565

Previews

White Background



This preview shows how the Yxy color 32.3749, 0.2525, 0.3255 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 32.3749, 0.2525, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

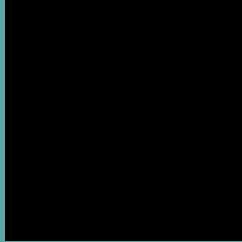
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3749, 0.2525, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 32.3749, 0.2525, 0.3255.

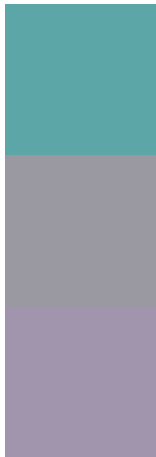


This preview shows how white text looks on a background with the Yxy color 32.3749, 0.2525, 0.3255.

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

32.3749, 0.2525, 0.3255

Protanopia

31.8646, 0.3073, 0.3169

Deuteranopia

31.9470, 0.3024, 0.2955



Tritanopia

32.1982, 0.2475, 0.3061

Trichromacy



Original Color

32.3749, 0.2525, 0.3255

Protanomaly

31.5836, 0.2835, 0.3194

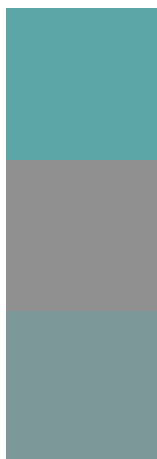
Deuteranomaly

31.5339, 0.2803, 0.3041

Tritanomaly

32.3459, 0.2496, 0.3141

Monochromacy



Original Color

32.3749, 0.2525, 0.3255

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

29.1164, 0.2859, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3749, 0.2525, 0.3255 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(92, 166, 168)` looks like.

```
.text, #text, p{  
    color:rgb(92, 166, 168)  
}
```

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(92, 166, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 166, 168) }
```

Border

The CSS property to change the border of an element to Yxy 32.3749, 0.2525, 0.3255 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(92, 166, 168) }
```

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

```
.border{ border-color:rgb(92, 166, 168) }
```

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

Here you see how a box with a 4 pixel rgb(92, 166, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 166, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 166, 168);  
box-shadow:4px 4px 4px 4px rgb(92, 166,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3749, 0.2525, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 166, 168) }
```

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

```
.background{ background-color: rgb(92, 166,  
168) }
```

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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