

Converting Colors

$Yxy(32.6093, 0.2445, 0.3498)$

Have a look what the booklet for
Yxy(32.6093, 0.2445, 0.3498)
contains.

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Color

Yxy(32.6532, 0.2443, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	3EAB9F
RGB	62, 171, 159
RGB Percent	24%, 67%, 62%
CMY	0.7566, 0.3294, 0.3764
CMYK	0.64, 0.00, 0.07, 0.33
HSL	173°, 47%, 46%
HSV	173°, 64%, 67%
XYZ	22.8115, 32.6532, 37.9102
YIQ	137.0410, -61.1120, -26.8400

Conversions

Conversions Part 2

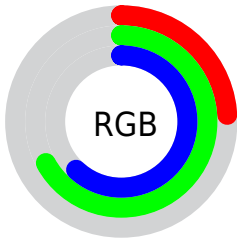
Format	Color
RYB	62, 120, 171
Decimal	4107167
CIELab	63.88, -33.58, -2.98
CIELCh	64, 33.714, 185.067
Yxy	32.6532, 0.2443, 0.3497
Android (android.graphics.Color)	4282297247 (0xFF3EAB9F)
YUV	137.0410, 10.8258, -65.8110
Hunter-Lab	57.1430, -28.7430, 0.6655

Details

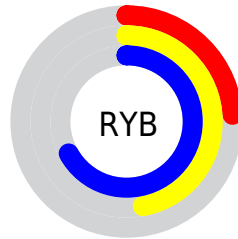
The Yxy color **32.6532, 0.2443, 0.3497** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.6042, 0.4910, 0.3132**, and the grayscale version is **25.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9308, 0.2575, 0.3456**, and **14.0396, 0.2317, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **32.1206, 0.2392, 0.3535**, and if you desaturate by 10%, it is **33.3633, 0.2512, 0.3460**.

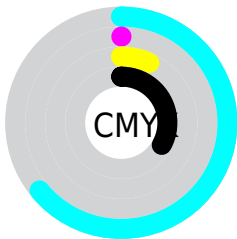
Distribution



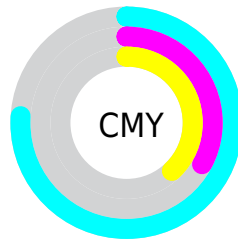
- Red (24%)
- Green (67%)
- Blue (62%)



- Red (24%)
- Yellow (47%)
- Blue (67%)



- Cyan (64%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)





- Cyan (76%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6532, 0.2443, 0.3497 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 32.6532, 0.2443, 0.3497 by changing the saturation by 10% instead.

 32.6532, 0.2443,
0.3497


 32.6532, 0.2443,
0.3497


314.0841, 0.2801,
0.3392


 21.8609, 0.2349,
0.3523


 63.8337, 0.2577,
0.3459

 13.7547, 0.2225,
0.3557


 84.9907, 0.2626,
0.3444


 7.9503, 0.2056,
0.3601


 110.3714, 0.2667,
0.3432

 4.0631, 0.1813,
0.3661

 140.3602, 0.2702,
0.3422

 1.7089, 0.1407,
0.3754

 175.3415, 0.2732,
0.3413

 0.4294, 0.0000,
0.3886

215.6996, 0.2758,

 0.0000, 0.0000,

0.3405

0.0000

261.8190, 0.2780,
0.3398

■ 32.6532, 0.2443,
0.3497

■ 32.6532, 0.2443,
0.3497

■ 32.1206, 0.2392,
0.3535

■ 33.3633, 0.2512,
0.3460

■ 31.7447, 0.2360,
0.3572

■ 34.2618, 0.2599,
0.3424

■ 31.5065, 0.2346,
0.3609

■ 35.3633, 0.2701,
0.3390

■ 31.3980, 0.2343,
0.3633

■ 36.6797, 0.2817,
0.3358

■ 38.2221, 0.2943,
0.3327

■ 40.0008, 0.3076,
0.3300

■ 42.0255, 0.3215,
0.3274

■ 44.3054, 0.3356,
0.3252

■ 46.8490, 0.3497,
0.3232

Harmonies

Analogous

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



32.6532, 0.2871, 0.3993



32.6532, 0.2443, 0.3497



32.6532, 0.2205, 0.2980

Triad

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



32.6532, 0.2443, 0.3497



32.6532, 0.2798, 0.2498



32.6532, 0.4150, 0.3867

Complementary

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



32.6532, 0.2443, 0.3497



12.6042, 0.4910, 0.3132

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.



32.6532, 0.4146, 0.3462



32.6532, 0.2443, 0.3497



32.6532, 0.3326, 0.2711

Square

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



32.6532, 0.2443, 0.3497



32.6532, 0.2396, 0.2457



32.6532, 0.3835, 0.3052



32.6532, 0.3864, 0.4172

Rectangle

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



32.6532, 0.2443, 0.3497



32.6532, 0.2170, 0.2714



32.6532, 0.3835, 0.3052



32.6532, 0.4184, 0.3738

Sweetspot

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



32.6545, 0.2443, 0.3497



66.8511, 0.2871, 0.3344



30.9595, 0.3112, 0.5260



14.7417, 0.2836, 0.3353



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.



32.6545, 0.2443, 0.3497



57.2532, 0.2379, 0.3548



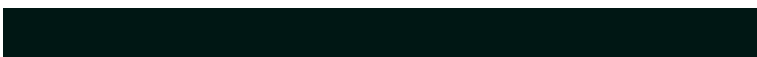
19.7294, 0.2197, 0.2517



9.0567, 0.3001, 0.3315



23.6753, 0.2341, 0.3629



0.6628, 0.2310, 0.3516

Inverse Universe

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



12.6042, 0.4910, 0.3132



18.5394, 0.5511, 0.3141



18.8702, 0.4661, 0.3892



8.0291, 0.3270, 0.3265



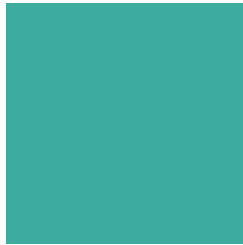
6.5658, 0.6245, 0.3214



0.1871, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 32.6532, 0.2443, 0.3497 looks on a white background.

Color Contrast Check

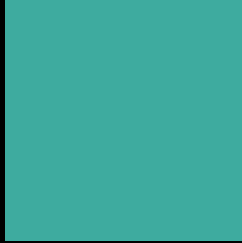
Large Text (above 18pt) WCAG AA × Fail

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 32.6532, 0.2443, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

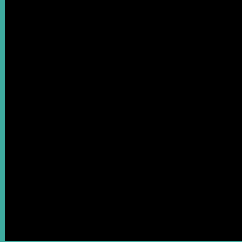
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

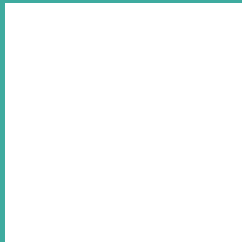
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6532, 0.2443, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 32.6532, 0.2443, 0.3497.

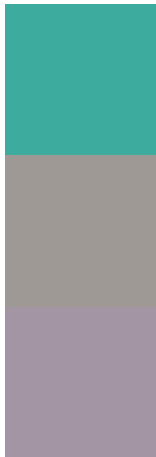


This preview shows how white text looks on a background with the Yxy color 32.6532, 0.2443, 0.3497.

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

32.6532, 0.2443, 0.3497

Protanopia

32.2215, 0.3215, 0.3351

Deuteranopia

32.0677, 0.3137, 0.3071



Tritanopia

32.7192, 0.2350, 0.3074

Trichromacy



Original Color

32.6532, 0.2443, 0.3497



Protanomaly

31.6525, 0.2849, 0.3404



Deuteranomaly

31.2346, 0.2808, 0.3209



Tritanomaly

32.6220, 0.2381, 0.3220

Monochromacy



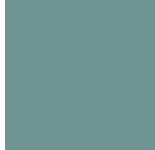
Original Color

32.6532, 0.2443, 0.3497



Achromatopsia

25.0158, 0.3127, 0.3290



Achromatomaly

26.8542, 0.2788, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6532, 0.2443, 0.3497 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(62, 171, 159)` looks like.

```
.text, #text, p{  
    color:rgb(62, 171, 159)  
}
```

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(62, 171, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 171, 159) }
```

Border

The CSS property to change the border of an element to Yxy 32.6532, 0.2443, 0.3497 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(62, 171, 159) }
```

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

```
.border{ border-color:rgb(62, 171, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 171, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 171, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 171, 159);  
box-shadow:4px 4px 4px 4px rgb(62, 171,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6532, 0.2443, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 171, 159) }
```

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

```
.background{ background-color: rgb(62, 171,  
159) }
```

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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