

Converting Colors

$Yxy(32.8166, 0.2314, 0.3474)$

Have a look what the booklet for
Yxy(32.8166, 0.2314, 0.3474)
contains.

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Color

Yxy(32.6507, 0.2312, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	11ADA3
RGB	17, 173, 163
RGB Percent	7%, 68%, 64%
CMY	0.9327, 0.3216, 0.3609
CMYK	0.90, 0.00, 0.06, 0.32
HSL	176°, 82%, 37%
HSV	176°, 90%, 68%
XYZ	21.7860, 32.6507, 39.7933
YIQ	125.2160, -89.7660, -36.1820

Conversions

Conversions Part 2

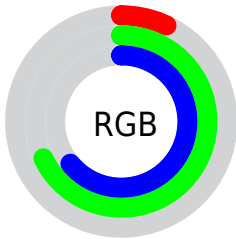
Format	Color
R _{YB}	17, 98, 173
Decimal	1158563
CIE Lab	63.88, -38.30, -5.27
CIE LCh	64, 38.663, 187.839
Yxy	32.6507, 0.2312, 0.3465
Android (android.graphics.Color)	4279348643 (0xFF11ADA3)
YUV	125.2160, 18.6275, -94.9054
Hunter-Lab	57.1408, -31.9400, -1.2915

Details

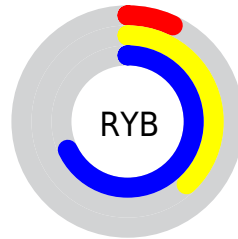
The Yxy color **32.6507, 0.2312, 0.3465** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.3707, 0.6095, 0.3238**, and the grayscale version is **20.5610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7532, 0.2466, 0.3431**, and **14.5806, 0.2309, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **32.4917, 0.2302, 0.3486**, and if you desaturate by 10%, it is **32.9194, 0.2336, 0.3444**.

Distribution



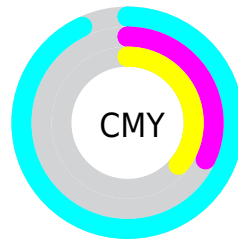
- Red (7%)
- Green (68%)
- Blue (64%)



- Red (7%)
- Yellow (38%)
- Blue (68%)



- Cyan (90%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)




- Cyan (93%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6507, 0.2312, 0.3465 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 32.6507, 0.2312, 0.3465 by changing the saturation by 10% instead.


 32.6507, 0.2312,
0.3465


 32.6507, 0.2312,
0.3465


314.0728, 0.2735,
0.3381

 21.8590, 0.2202,
0.3484


 63.8298, 0.2469,
0.3436


 13.7533, 0.2059,
0.3507


 84.9860, 0.2527,
0.3424


 7.9493, 0.1865,
0.3534


 110.3658, 0.2576,
0.3414

 4.0625, 0.1590,
0.3565

 140.3536, 0.2617,
0.3406

 1.7086, 0.1111,
0.3615

 175.3338, 0.2653,
0.3399

 0.4292, 0.0000,
0.3392

 215.6908, 0.2684,

 0.0000, 0.0000,

0.3392

0.0000

261.8090, 0.2711,
0.3386

■ 32.6507, 0.2312,
0.3465

■ 32.6507, 0.2312,
0.3465

■ 32.4917, 0.2302,
0.3486

■ 32.9194, 0.2336,
0.3444

■ 33.3357, 0.2378,
0.3422

■ 33.9203, 0.2438,
0.3401

■ 34.6897, 0.2517,
0.3380

■ 35.6585, 0.2613,
0.3360

■ 36.8398, 0.2725,
0.3341

■ 38.2456, 0.2849,
0.3323

■ 39.8870, 0.2984,
0.3306

■ 41.7743, 0.3126,
0.3290

Harmonies

Analogous

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



32.6507, 0.2777, 0.4062



32.6507, 0.2312, 0.3465



32.6507, 0.2071, 0.2879

Triad

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



32.6507, 0.2312, 0.3465



32.6507, 0.2800, 0.2412



32.6507, 0.4276, 0.3972

Complementary

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



32.6507, 0.2312, 0.3465



9.3707, 0.6095, 0.3238

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.



32.6507, 0.4312, 0.3516



32.6507, 0.2312, 0.3465



32.6507, 0.3409, 0.2666

Square

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



32.6507, 0.2312, 0.3465



32.6507, 0.2331, 0.2343



32.6507, 0.3985, 0.3056



32.6507, 0.3916, 0.4316

Rectangle

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



32.6507, 0.2312, 0.3465



32.6507, 0.2050, 0.2595



32.6507, 0.3985, 0.3056



32.6507, 0.4328, 0.3826

Sweetspot

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



32.6519, 0.2312, 0.3465



66.5931, 0.2756, 0.3336



30.1694, 0.3028, 0.5889



14.3046, 0.2717, 0.3342



86.8899, 0.3127, 0.3290



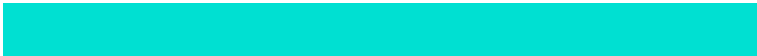
16.2647, 0.3127, 0.3290

Same Dimension

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



32.6519, 0.2312, 0.3465



58.1780, 0.2303, 0.3489



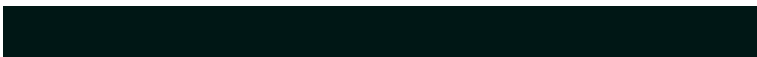
13.3382, 0.1904, 0.1972



9.0631, 0.2995, 0.3304



23.8729, 0.2301, 0.3484



0.6667, 0.2283, 0.3419

Inverse Universe

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



9.3707, 0.6095, 0.3238



15.9442, 0.6346, 0.3269



15.3749, 0.5360, 0.4008



8.0234, 0.3277, 0.3276



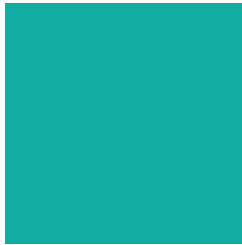
6.5480, 0.6315, 0.3252



0.1848, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 32.6507, 0.2312, 0.3465 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 32.6507, 0.2312, 0.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

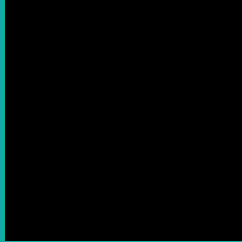
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

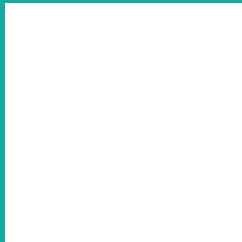
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.6507, 0.2312, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 32.6507, 0.2312, 0.3465.

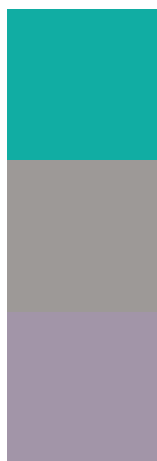


This preview shows how white text looks on a background with the Yxy color 32.6507, 0.2312, 0.3465.

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

32.6507, 0.2312, 0.3465

Protanopia

32.1849, 0.3186, 0.3320

Deuteranopia

32.0034, 0.3080, 0.3013



Tritanopia

32.7024, 0.2240, 0.3054

Trichromacy



Original Color

32.6507, 0.2312, 0.3465

Protanomaly

30.5723, 0.2696, 0.3373

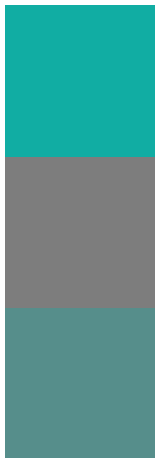
Deuteranomaly

30.4581, 0.2634, 0.3157

Tritanomaly

32.5837, 0.2263, 0.3202

Monochromacy



Original Color

32.6507, 0.2312, 0.3465

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

23.1885, 0.2622, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6507, 0.2312, 0.3465 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(17, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(17, 173, 163)  
}
```

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(17, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 173, 163) }
```

Border

The CSS property to change the border of an element to Yxy 32.6507, 0.2312, 0.3465 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(17, 173, 163) }
```

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

```
.border{ border-color:rgb(17, 173, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(17, 173,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6507, 0.2312, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 173, 163) }
```

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

```
.background{ background-color: rgb(17, 173,  
163) }
```

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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