

Converting Colors

$Yxy(32.1617, 0.2284, 0.3359)$

Have a look what the booklet for
Yxy(32.1617, 0.2284, 0.3359)
contains.

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Color

Yxy(32.0543, 0.2284, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	13ABA7
RGB	19, 171, 167
RGB Percent	7%, 67%, 65%
CMY	0.9267, 0.3294, 0.3451
CMYK	0.89, 0.00, 0.02, 0.33
HSL	178°, 80%, 37%
HSV	178°, 89%, 67%
XYZ	21.8023, 32.0543, 41.6000
YIQ	125.0960, -89.3080, -33.4680

Conversions

Conversions Part 2

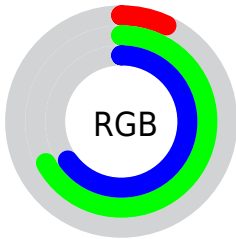
Format	Color
RYB	19, 96, 171
Decimal	1289127
CIELab	63.39, -36.12, -8.25
CIELCh	63, 37.046, 192.866
Yxy	32.0543, 0.2284, 0.3358
Android (android.graphics.Color)	4279479207 (0xFF13ABA7)
YUV	125.0960, 20.6587, -93.0462
Hunter-Lab	56.6165, -30.3409, -3.9328

Details

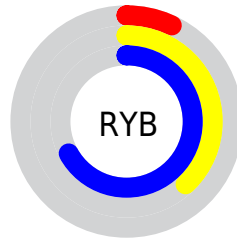
The Yxy color **32.0543, 0.2284, 0.3358** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.1752, 0.6132, 0.3275**, and the grayscale version is **20.4637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9214, 0.2446, 0.3353**, and **14.1947, 0.2267, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **31.9138, 0.2270, 0.3366**, and if you desaturate by 10%, it is **32.3082, 0.2312, 0.3350**.

Distribution



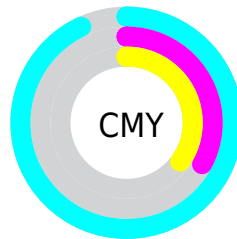
- Red (7%)
- Green (67%)
- Blue (65%)



- Red (7%)
- Yellow (38%)
- Blue (67%)



- Cyan (89%)
- Magenta (0%)
- Yellow (2%)
- Black (33%)





- Cyan (93%)
- Magenta (33%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0543, 0.2284, 0.3358 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 32.0543, 0.2284, 0.3358 by changing the saturation by 10% instead.


 32.0543, 0.2284,
0.3358


 32.0543, 0.2284,
0.3358


 311.3665, 0.2721,
0.3333


 21.4030, 0.2171,
0.3360


 62.8962, 0.2446,
0.3352

 13.4189, 0.2024,
0.3360


 83.8556, 0.2506,
0.3349

 7.7176, 0.1825,
0.3355


 109.0198, 0.2556,
0.3345

 3.9148, 0.1546,
0.3334

 138.7731, 0.2599,
0.3343

 1.6260, 0.1068,
0.3294

 173.5001, 0.2636,
0.3340

 0.3750, 0.0000,
0.2757

 213.5851, 0.2668,

 0.0000, 0.0000,

0.3338

0.0000

259.4124, 0.2696,
0.3335

■ 32.0543, 0.2284,
0.3358

■ 32.0543, 0.2284,
0.3358

■ 31.9138, 0.2270,
0.3366

■ 32.3082, 0.2312,
0.3350

■ 31.9020, 0.2269,
0.3367

■ 32.7076, 0.2358,
0.3341

■ 33.2722, 0.2423,
0.3333

■ 34.0181, 0.2507,
0.3325

■ 34.9590, 0.2607,
0.3317

■ 36.1076, 0.2724,
0.3309

■ 37.4755, 0.2853,
0.3302

■ 39.0734, 0.2993,
0.3295

■ 40.9112, 0.3141,
0.3289

Harmonies

Analogous

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



32.0543, 0.2703, 0.3947



32.0543, 0.2284, 0.3358



32.0543, 0.2090, 0.2817

Triad

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



32.0543, 0.2284, 0.3358



32.0543, 0.2904, 0.2469



32.0543, 0.4198, 0.4019

Complementary

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



32.0543, 0.2284, 0.3358



9.1752, 0.6132, 0.3275

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.



32.0543, 0.4289, 0.3589



32.0543, 0.2284, 0.3358



32.0543, 0.3501, 0.2741

Square

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



32.0543, 0.2284, 0.3358



32.0543, 0.2420, 0.2370



32.0543, 0.4029, 0.3137



32.0543, 0.3811, 0.4315

Rectangle

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



32.0543, 0.2284, 0.3358



32.0543, 0.2095, 0.2566



32.0543, 0.4029, 0.3137



32.0543, 0.4266, 0.3884

Sweetspot

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



32.0555, 0.2284, 0.3358



65.0210, 0.2744, 0.3308



29.3672, 0.3017, 0.5886



14.3345, 0.2703, 0.3310



86.8899, 0.3127, 0.3290



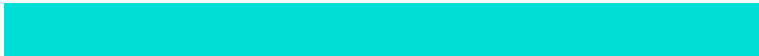
16.2647, 0.3127, 0.3290

Same Dimension

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



32.0555, 0.2284, 0.3358



57.1217, 0.2269, 0.3369



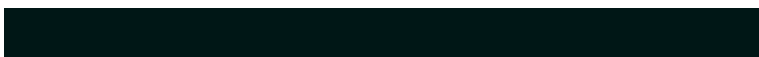
12.1769, 0.1884, 0.1885



9.0684, 0.2990, 0.3296



24.0474, 0.2268, 0.3366



0.6701, 0.2261, 0.3341

Inverse Universe

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



9.1752, 0.6132, 0.3275



15.5187, 0.6379, 0.3288



15.9796, 0.5251, 0.4083



8.0186, 0.3282, 0.3284



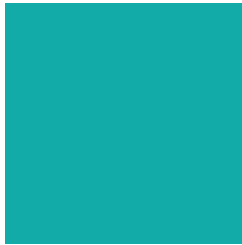
6.5355, 0.6365, 0.3280



0.1829, 0.6212, 0.3196

Previews

White Background



This preview shows how the Yxy color 32.0543, 0.2284, 0.3358 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 32.0543, 0.2284, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

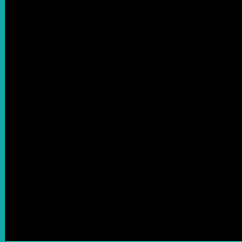
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0543, 0.2284, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 32.0543, 0.2284, 0.3358.

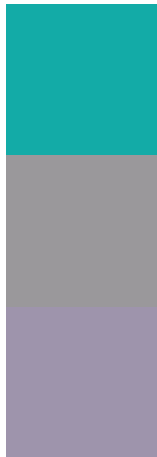


This preview shows how white text looks on a background with the Yxy color 32.0543, 0.2284, 0.3358.

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

32.0543, 0.2284, 0.3358

Protanopia

31.6931, 0.3119, 0.3244

Deuteranopia

31.4275, 0.3004, 0.2938



Tritanopia

32.1654, 0.2235, 0.3068

Trichromacy



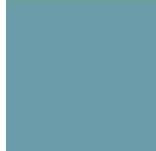
Original Color

32.0543, 0.2284, 0.3358



Protanomaly

30.3027, 0.2657, 0.3289



Deuteranomaly

29.8050, 0.2586, 0.3058



Tritanomaly

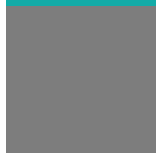
32.2151, 0.2249, 0.3168

Monochromacy



Original Color

32.0543, 0.2284, 0.3358



Achromatopsia

20.5079, 0.3127, 0.3290



Achromatomaly

23.2179, 0.2614, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0543, 0.2284, 0.3358 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(19, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(19, 171, 167)  
}
```

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(19, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 171, 167) }
```

Border

The CSS property to change the border of an element to Yxy 32.0543, 0.2284, 0.3358 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(19, 171, 167) }
```

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

```
.border{ border-color:rgb(19, 171, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 171, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(19, 171,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0543, 0.2284, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 171, 167) }
```

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

```
.background{ background-color: rgb(19, 171,  
167) }
```

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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