

Converting Colors

$Yxy(32.5543, 0.2536, 0.3427)$

Have a look what the booklet for
Yxy(32.5543, 0.2536, 0.3427)
contains.

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Color

Yxy(32.4281, 0.2535, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	54A8A0
RGB	84, 168, 160
RGB Percent	33%, 66%, 63%
CMY	0.6707, 0.3411, 0.3726
CMYK	0.50, 0.00, 0.05, 0.34
HSL	174°, 33%, 49%
HSV	174°, 50%, 66%
XYZ	24.0015, 32.4281, 38.2510
YIQ	141.9720, -47.4960, -20.2960

Conversions

Conversions Part 2

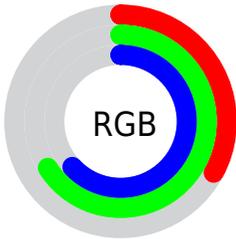
Format	Color
RYB	84, 128, 168
Decimal	5548192
CIELab	63.70, -27.48, -3.72
CIELCh	64, 27.727, 187.700
Yxy	32.4281, 0.2535, 0.3425
Android (android.graphics.Color)	4283738272 (0xFF54A8A0)
YUV	141.9720, 8.8878, -50.8414
Hunter-Lab	56.9457, -24.4206, 0.0363

Details

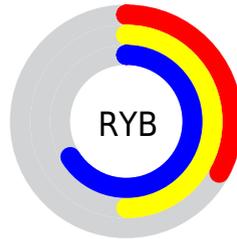
The Yxy color **32.4281, 0.2535, 0.3425** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.4339, 0.4367, 0.3172**, and the grayscale version is **27.0144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7931, 0.2652, 0.3402**, and **13.5250, 0.2340, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **31.6895, 0.2458, 0.3456**, and if you desaturate by 10%, it is **33.3558, 0.2629, 0.3395**.

Distribution



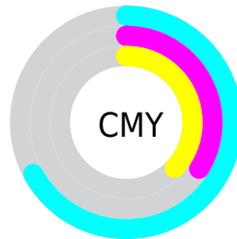
- Red (33%)
- Green (66%)
- Blue (63%)



- Red (33%)
- Yellow (50%)
- Blue (66%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4281, 0.2535, 0.3425 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 32.4281, 0.2535, 0.3425 by changing the saturation by 10% instead.

 32.4281, 0.2535,
0.3425

 32.4281, 0.2535,
0.3425

313.0648, 0.2845,
0.3358

 21.6887, 0.2453,
0.3441

 63.4816, 0.2651,
0.3401

 13.6283, 0.2345,
0.3462

 84.5645, 0.2694,
0.3392

 7.8626, 0.2197,
0.3489

 109.8640, 0.2729,
0.3384

 4.0072, 0.1981,
0.3523

 139.7646, 0.2759,
0.3377

 1.6776, 0.1638,
0.3568

174.6505, 0.2785,
0.3371

 0.4091, 0.0000,
0.3671

214.9063, 0.2808,

 0.0000, 0.0000,

0.3366

0.0000

260.9162, 0.2828,
0.3362

■ 32.4281, 0.2535,
0.3425

■ 32.4281, 0.2535,
0.3425

■ 31.6895, 0.2458,
0.3456

■ 33.3558, 0.2629,
0.3395

■ 31.1228, 0.2399,
0.3488

■ 34.4811, 0.2738,
0.3366

■ 30.7139, 0.2359,
0.3521

■ 35.8163, 0.2859,
0.3338

■ 30.4446, 0.2337,
0.3553

■ 37.3717, 0.2989,
0.3313

■ 30.2748, 0.2329,
0.3585

■ 39.1571, 0.3127,
0.3290

■ 41.1815, 0.3269,
0.3269

■ 43.4533, 0.3412,
0.3250

■ 45.9809, 0.3556,
0.3234

■ 48.7720, 0.3697,
0.3219

Harmonies

Analogous

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



32.4281, 0.2885, 0.3831



32.4281, 0.2535, 0.3425



32.4281, 0.2346, 0.3009

Triad

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



32.4281, 0.2535, 0.3425



32.4281, 0.2893, 0.2634



32.4281, 0.3962, 0.3808

Complementary

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



32.4281, 0.2535, 0.3425



15.4339, 0.4367, 0.3172

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.



32.4281, 0.3977, 0.3475



32.4281, 0.2535, 0.3425



32.4281, 0.3334, 0.2826

Square

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



32.4281, 0.2535, 0.3425



32.4281, 0.2541, 0.2589



32.4281, 0.3741, 0.3125



32.4281, 0.3713, 0.4036

Rectangle

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



32.4281, 0.2535, 0.3425



32.4281, 0.2327, 0.2794



32.4281, 0.3741, 0.3125



32.4281, 0.3995, 0.3704

Sweetspot

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



32.4294, 0.2535, 0.3425



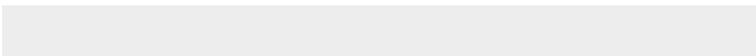
66.2760, 0.2920, 0.3326



30.9421, 0.3119, 0.4813



14.3236, 0.2893, 0.3331



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.



32.4294, 0.2535, 0.3425



57.3741, 0.2451, 0.3460



21.8696, 0.2370, 0.2686



8.5196, 0.2999, 0.3311



22.8643, 0.2328, 0.3581



0.5597, 0.2299, 0.3475

Inverse Universe

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



15.4339, 0.4367, 0.3172



22.9653, 0.4822, 0.3157



21.8245, 0.4218, 0.3807



7.5535, 0.3271, 0.3269



6.3185, 0.6267, 0.3226



0.1572, 0.5750, 0.2941

Previews

White Background



This preview shows how the Yxy color 32.4281, 0.2535, 0.3425 looks on a white background.

Color Contrast Check

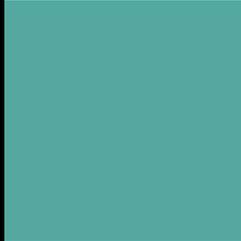
Large Text (above 18pt) WCAG AA × Fail

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 32.4281, 0.2535, 0.3425 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

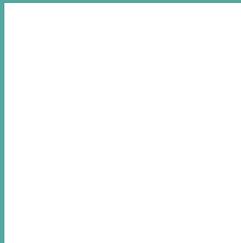
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.4281, 0.2535, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 32.4281, 0.2535, 0.3425.

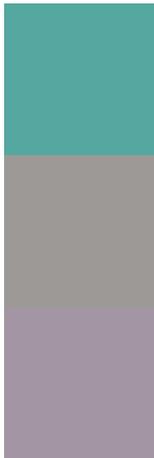


This preview shows how white text looks on a background with the Yxy color 32.4281, 0.2535, 0.3425.

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

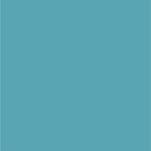
32.4281, 0.2535, 0.3425

Protanopia

32.1849, 0.3186, 0.3320

Deuteranopia

31.9618, 0.3127, 0.3071



Tritanopia

32.3386, 0.2442, 0.3060

Trichromacy



Original Color

32.4281, 0.2535, 0.3425

Protanomaly

31.5326, 0.2900, 0.3354

Deuteranomaly

31.4896, 0.2860, 0.3179

Tritanomaly

32.3257, 0.2477, 0.3189

Monochromacy



Original Color

32.4281, 0.2535, 0.3425

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.3681, 0.2855, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4281, 0.2535, 0.3425 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(84, 168, 160)` looks like.

```
.text, #text, p{  
    color:rgb(84, 168, 160)  
}
```

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(84, 168, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 168, 160) }
```

Border

The CSS property to change the border of an element to Yxy 32.4281, 0.2535, 0.3425 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(84, 168, 160) }
```

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

```
.border{ border-color:rgb(84, 168, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 168, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 168, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 168, 160);  
box-shadow:4px 4px 4px 4px rgb(84, 168,  
160) }
```

Background

The CSS property to change the background color of an element to Yxy 32.4281, 0.2535, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 168, 160) }
```

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

```
.background{ background-color: rgb(84, 168,  
160) }
```

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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