

Converting Colors

$Yxy(26.1097, 0.2358, 0.3346)$

Have a look what the booklet for
Yxy(26.1097, 0.2358, 0.3346)
contains.

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Color

$Y_{xy}(25.9264, 0.2357, 0.3345)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2E9A97 |
| RGB | 46, 154, 151 |
| RGB Percent | 18%, 60%, 59% |
| CMY | 0.8194, 0.3961, 0.4079 |
| CMYK | 0.70, 0.00, 0.02, 0.40 |
| HSL | 178°, 54%, 39% |
| HSV | 178°, 70%, 60% |
| XYZ | 18.2686, 25.9264, 33.3129 |
| YIQ | 121.3660, -63.4050, -23.8290 |

Conversions

Conversions Part 2

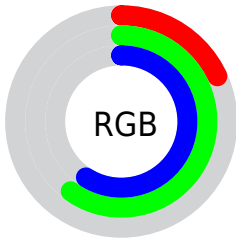
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 46, 101, 154 |
| Decimal | 3054231 |
| CIE _{Lab} | 57.97, -30.27, -7.24 |
| CIE _{LCh} | 58, 31.124, 193.445 |
| Y _{xy} | 25.9264, 0.2357, 0.3345 |
| Android (android.graphics.Color) | 4281244311 (0xFF2E9A97) |
| YUV | 121.3660, 14.6096, -66.0960 |
| Hunter-Lab | 50.9180, -25.0633, -3.1477 |

Details

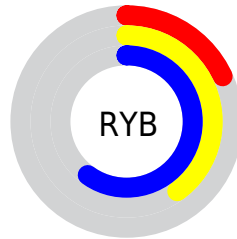
The Yxy color **25.9264, 0.2357, 0.3345** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.0502, 0.5348, 0.3257**, and the grayscale version is **19.2167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1969, 0.2514, 0.3343**, and **10.4228, 0.2262, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **25.6173, 0.2312, 0.3354**, and if you desaturate by 10%, it is **26.3658, 0.2420, 0.3336**.

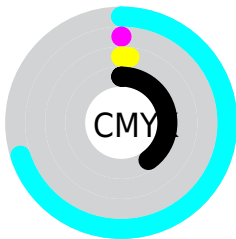
Distribution



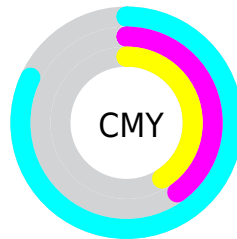
- Red (18%)
- Green (60%)
- Blue (59%)



- Red (18%)
- Yellow (40%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)




- Cyan (82%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9264, 0.2357, 0.3345 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 25.9264, 0.2357, 0.3345 by changing the saturation by 10% instead.


 25.9264, 0.2357,
0.3345


 25.9264, 0.2357,
0.3345


282.4206, 0.2771,
0.3324


 16.7686, 0.2244,
0.3347


 53.1562, 0.2514,
0.3340


 10.0696, 0.2093,
0.3346


 71.9970, 0.2571,
0.3337


 5.4452, 0.1883,
0.3339

 94.8342, 0.2619,
0.3334

 2.5107, 0.1572,
0.3313

 122.0522, 0.2659,
0.3332

 0.8820, 0.0391,
0.3473

 154.0355, 0.2693,
0.3330

 0.0000, 0.0000,
0.0000

191.1684, 0.2722,

0.3328

233.8353, 0.2748,
0.3326

■ 25.9264, 0.2357,
0.3345

■ 25.9264, 0.2357,
0.3345

■ 25.6173, 0.2312,
0.3354

■ 26.3658, 0.2420,
0.3336

■ 25.4212, 0.2285,
0.3363

■ 26.9450, 0.2502,
0.3327

■ 25.3038, 0.2270,
0.3371

■ 27.6757, 0.2601,
0.3319

■ 28.5679, 0.2715,
0.3311

■ 29.6305, 0.2842,
0.3303

■ 30.8719, 0.2980,
0.3296

■ 32.2997, 0.3126,
0.3290

■ 33.9215, 0.3276,
0.3284

■ 35.7440, 0.3430,
0.3279

Harmonies

Analogous

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



25.9264, 0.2738, 0.3869



25.9264, 0.2357, 0.3345



25.9264, 0.2180, 0.2860

Triad

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



25.9264, 0.2357, 0.3345



25.9264, 0.2938, 0.2544



25.9264, 0.4093, 0.3966

Complementary

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



25.9264, 0.2357, 0.3345



9.0502, 0.5348, 0.3257

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.



25.9264, 0.4177, 0.3578



25.9264, 0.2357, 0.3345



25.9264, 0.3477, 0.2797

Square

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



25.9264, 0.2357, 0.3345



25.9264, 0.2492, 0.2451



25.9264, 0.3947, 0.3163



25.9264, 0.3743, 0.4219

Rectangle

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



25.9264, 0.2357, 0.3345



25.9264, 0.2188, 0.2631



25.9264, 0.3947, 0.3163



25.9264, 0.4155, 0.3845

Sweetspot

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



25.9274, 0.2357, 0.3345



53.5519, 0.2825, 0.3304



23.9783, 0.3045, 0.5469



12.0050, 0.2791, 0.3306



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.9274, 0.2357, 0.3345



46.3127, 0.2295, 0.3359



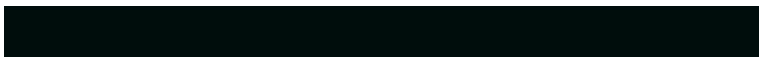
12.7400, 0.2082, 0.2234



7.0236, 0.2993, 0.3296



20.6163, 0.2270, 0.3371



0.3090, 0.2259, 0.3331

Inverse Universe

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



9.0502, 0.5348, 0.3257



13.6588, 0.5998, 0.3269



15.5115, 0.4725, 0.4062



6.2253, 0.3279, 0.3284



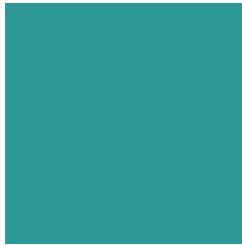
5.6058, 0.6360, 0.3277



0.0845, 0.6162, 0.3168

Previews

White Background



This preview shows how the Yxy color 25.9264, 0.2357, 0.3345 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9264, 0.2357, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

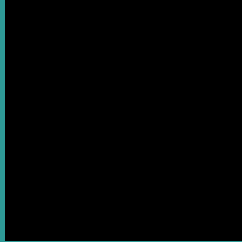
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9264, 0.2357, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 25.9264, 0.2357, 0.3345.

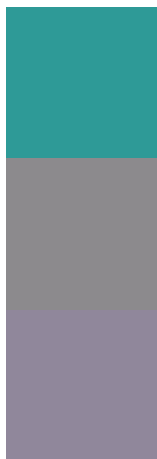


This preview shows how white text looks on a background with the Yxy color 25.9264, 0.2357, 0.3345.

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

25.9264, 0.2357, 0.3345

Protanopia

25.6755, 0.3119, 0.3240

Deuteranopia

25.6238, 0.3023, 0.2970



Tritanopia

25.9211, 0.2303, 0.3069

Trichromacy



Original Color

25.9264, 0.2357, 0.3345



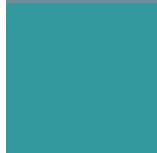
Protanomaly

25.0550, 0.2745, 0.3271



Deuteranomaly

24.8672, 0.2685, 0.3078



Tritanomaly

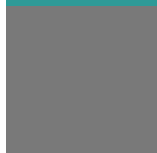
25.9895, 0.2324, 0.3176

Monochromacy



Original Color

25.9264, 0.2357, 0.3345



Achromatopsia

19.1202, 0.3127, 0.3290



Achromatomaly

20.8207, 0.2728, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9264, 0.2357, 0.3345 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(46, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(46, 154, 151)  
}
```

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(46, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 25.9264, 0.2357, 0.3345 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(46, 154, 151) }
```

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

```
.border{ border-color:rgb(46, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(46, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9264, 0.2357, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 154, 151) }
```

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

```
.background{ background-color: rgb(46, 154,  
151) }
```

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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