

Converting Colors

$Yxy(25.9175, 0.2366, 0.3364)$

Have a look what the booklet for
Yxy(25.9175, 0.2366, 0.3364)
contains.

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Color

$\text{Yxy}(25.9175, 0.2366, 0.3364)$

Conversions

Conversions Part 1

Format	Color
Hex	2F9A96
RGB	47, 154, 150
RGB Percent	18%, 60%, 59%
CMY	0.8162, 0.3960, 0.4117
CMYK	0.70, 0.00, 0.03, 0.40
HSL	178°, 53%, 39%
HSV	178°, 70%, 60%
XYZ	18.2285, 25.9175, 32.8977
YIQ	121.5510, -62.4880, -23.9280

Conversions

Conversions Part 2

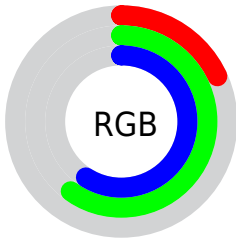
Format	Color
R_{YB}	47, 102, 154
Decimal	3119766
CIE _{Lab}	57.96, -30.45, -6.69
CIE _{LCh}	58, 31.172, 192.391
Yxy	25.9175, 0.2366, 0.3364
Android (android.graphics.Color)	4281309846 (0xFF2F9A96)
YUV	121.5510, 14.0254, -65.3812
Hunter-Lab	50.9092, -25.1775, -2.6769

Details

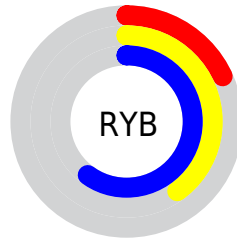
The Yxy color **25.9175, 0.2366, 0.3364** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.1319, 0.5304, 0.3243**, and the grayscale version is **19.2662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2118, 0.2524, 0.3357**, and **10.4036, 0.2270, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **25.5973, 0.2321, 0.3376**, and if you desaturate by 10%, it is **26.3688, 0.2430, 0.3352**.

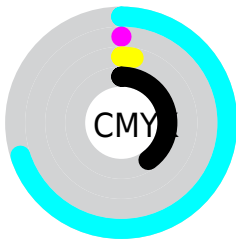
Distribution



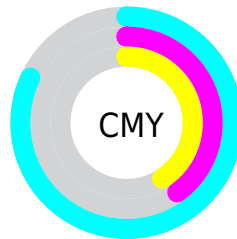
- Red (18%)
- Green (60%)
- Blue (59%)



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



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9175, 0.2366, 0.3364 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 25.9175, 0.2366, 0.3364 by changing the saturation by 10% instead.


 25.9175, 0.2366,
0.3364

 25.9175, 0.2366,
0.3364


282.3769, 0.2775,
0.3332


 16.7619, 0.2254,
0.3369


 53.1418, 0.2522,
0.3354

 10.0649, 0.2104,
0.3373


 71.9794, 0.2578,
0.3350


 5.4420, 0.1895,
0.3372

 94.8130, 0.2625,
0.3346

 2.5089, 0.1585,
0.3357

 122.0272, 0.2665,
0.3343

 0.8811, 0.0380,
0.3552

 154.0063, 0.2698,
0.3340

 0.0000, 0.0000,
0.0000

191.1346, 0.2728,

0.3337

233.7967, 0.2753,
0.3335

■ 25.9175, 0.2366,
0.3364

■ 25.9175, 0.2366,
0.3364

■ 25.5973, 0.2321,
0.3376

■ 26.3688, 0.2430,
0.3352

■ 25.3910, 0.2293,
0.3388

■ 26.9604, 0.2512,
0.3340

■ 25.2662, 0.2279,
0.3400

■ 27.7043, 0.2610,
0.3329

■ 25.2611, 0.2278,
0.3400

■ 28.6102, 0.2725,
0.3318

■ 29.6871, 0.2852,
0.3308

■ 30.9431, 0.2989,
0.3298

■ 32.3862, 0.3134,
0.3290

■ 34.0236, 0.3283,
0.3282

■ 35.8622, 0.3435,
0.3275

Harmonies

Analogous

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



25.9175, 0.2754, 0.3886



25.9175, 0.2366, 0.3364



25.9175, 0.2181, 0.2874

Triad

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



25.9175, 0.2366, 0.3364



25.9175, 0.2920, 0.2536



25.9175, 0.4102, 0.3955

Complementary

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



25.9175, 0.2366, 0.3364



9.1319, 0.5304, 0.3243

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.



25.9175, 0.4175, 0.3564



25.9175, 0.2366, 0.3364



25.9175, 0.3458, 0.2785

Square

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



25.9175, 0.2366, 0.3364



25.9175, 0.2479, 0.2450



25.9175, 0.3935, 0.3149



25.9175, 0.3760, 0.4215

Rectangle

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



25.9175, 0.2366, 0.3364



25.9175, 0.2183, 0.2640



25.9175, 0.3935, 0.3149



25.9175, 0.4161, 0.3833

Sweetspot

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



25.9185, 0.2366, 0.3364



53.5332, 0.2827, 0.3310



24.0554, 0.3056, 0.5447



12.0003, 0.2794, 0.3312



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.



25.9185, 0.2366, 0.3364



46.2768, 0.2305, 0.3382



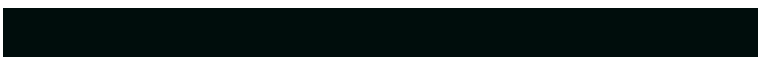
13.2014, 0.2098, 0.2283



7.0226, 0.2994, 0.3298



20.5787, 0.2278, 0.3399



0.3087, 0.2263, 0.3346

Inverse Universe

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



9.1319, 0.5304, 0.3243



13.7948, 0.5944, 0.3256



15.2750, 0.4734, 0.4031



6.2262, 0.3278, 0.3282



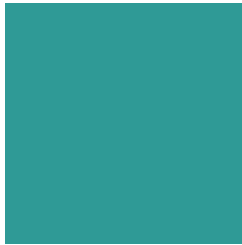
5.6087, 0.6346, 0.3270



0.0847, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 25.9175, 0.2366, 0.3364 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 25.9175, 0.2366, 0.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

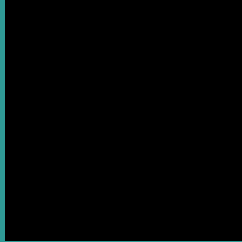
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9175, 0.2366, 0.3364

Background



This preview shows how black text looks on a background with the Yxy color 25.9175, 0.2366, 0.3364.



This preview shows how white text looks on a background with the Yxy color 25.9175, 0.2366, 0.3364.

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

25.9175, 0.2366, 0.3364

Protanopia

25.6459, 0.3129, 0.3257

Deuteranopia

25.5903, 0.3033, 0.2985



Tritanopia

25.9490, 0.2307, 0.3069

Trichromacy



Original Color

25.9175, 0.2366, 0.3364

Protanomaly

25.0243, 0.2754, 0.3289

Deuteranomaly

24.8971, 0.2702, 0.3096

Tritanomaly

26.0157, 0.2328, 0.3177

Monochromacy



Original Color

25.9175, 0.2366, 0.3364

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

21.1490, 0.2739, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9175, 0.2366, 0.3364 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(47, 154, 150)` looks like.

```
.text, #text, p{  
    color:rgb(47, 154, 150)  
}
```

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(47, 154, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 154, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.9175, 0.2366, 0.3364 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(47, 154, 150) }
```

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

```
.border{ border-color:rgb(47, 154, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 154, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 154, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 154, 150);  
box-shadow:4px 4px 4px 4px rgb(47, 154,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9175, 0.2366, 0.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 154, 150) }
```

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

```
.background{ background-color: rgb(47, 154,  
150) }
```

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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