

Converting Colors

$Yxy(24.4511, 0.2535, 0.3944)$

Have a look what the booklet for
Yxy(24.4511, 0.2535, 0.3944)
contains.

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Color

Yxy(24.3505, 0.2529, 0.3928)

Conversions

Conversions Part 1

Format	Color
Hex	2B9879
RGB	43, 152, 121
RGB Percent	17%, 60%, 47%
CMY	0.8311, 0.4039, 0.5255
CMYK	0.72, 0.00, 0.20, 0.40
HSL	163°, 56%, 38%
HSV	163°, 72%, 60%
XYZ	15.6778, 24.3505, 21.9638
YIQ	115.8750, -55.0130, -32.7490

Conversions

Conversions Part 2

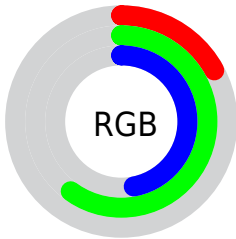
Format	Color
R_{YB}	43, 107, 152
Decimal	2857081
CIE _{Lab}	56.44, -38.02, 7.60
CIE _{LCh}	56, 38.769, 168.700
Yxy	24.3505, 0.2529, 0.3928
Android (android.graphics.Color)	4281047161 (0xFF2B9879)
YUV	115.8750, 2.5266, -63.9114
Hunter-Lab	49.3462, -29.6446, 8.1526

Details

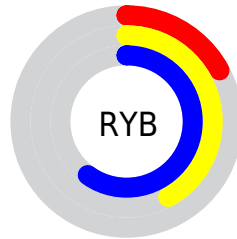
The Yxy color **24.3505, 0.2529, 0.3928** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8.9032, 0.4798, 0.2838**, and the grayscale version is **17.4357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5858, 0.2663, 0.3787**, and **9.5822, 0.2491, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **23.9777, 0.2506, 0.4033**, and if you desaturate by 10%, it is **24.8525, 0.2571, 0.3824**.

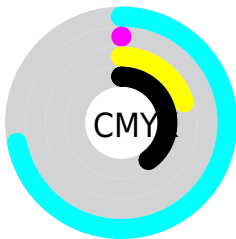
Distribution



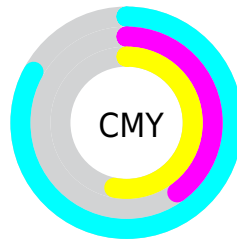
- Red (17%)
- Green (60%)
- Blue (47%)



- Red (17%)
- Yellow (42%)
- Blue (60%)



- Cyan (72%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)





- Cyan (83%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3505, 0.2529, 0.3928 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 24.3505, 0.2529, 0.3928 by changing the saturation by 10% instead.


 24.3505, 0.2529,
0.3928


 24.3505, 0.2529,
0.3928


274.5877, 0.2864,
0.3563


 15.5938, 0.2431,
0.4039


 50.6016, 0.2661,
0.3782

 9.2372, 0.2295,
0.4195


 68.8647, 0.2707,
0.3732


 4.8962, 0.2094,
0.4432

 91.0655, 0.2745,
0.3690

 2.1865, 0.1771,
0.4833

 117.5884, 0.2777,
0.3656

 0.7126, 0.0000,
0.7443

 148.8176, 0.2804,
0.3628

 0.0000, 0.0000,
0.0000

 185.1376, 0.2827,

0.3603

226.9329, 0.2847,
0.3582

■ 24.3505, 0.2529,
0.3928

■ 24.3505, 0.2529,
0.3928

■ 23.9777, 0.2506,
0.4033

■ 24.8525, 0.2571,
0.3824

■ 23.7166, 0.2501,
0.4139

■ 25.4931, 0.2631,
0.3723

■ 23.5545, 0.2507,
0.4226

■ 26.2839, 0.2706,
0.3626

■ 27.2347, 0.2794,
0.3535

■ 28.3545, 0.2893,
0.3450

■ 29.6513, 0.2998,
0.3372

■ 31.1328, 0.3109,
0.3301

■ 32.8063, 0.3221,
0.3237

■ 34.6787, 0.3334,
0.3180

Harmonies

Analogous

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



24.3505, 0.3141, 0.4433



24.3505, 0.2529, 0.3928



24.3505, 0.2106, 0.3225

Triad

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



24.3505, 0.2529, 0.3928



24.3505, 0.2413, 0.2258



24.3505, 0.4467, 0.3711

Complementary

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



24.3505, 0.2529, 0.3928



8.9032, 0.4798, 0.2838

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.



24.3505, 0.4250, 0.3203



24.3505, 0.2529, 0.3928



24.3505, 0.2995, 0.2412

Square

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



24.3505, 0.2529, 0.3928



24.3505, 0.2053, 0.2326



24.3505, 0.3684, 0.2746



24.3505, 0.4278, 0.4188

Rectangle

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



24.3505, 0.2529, 0.3928



24.3505, 0.1970, 0.2814



24.3505, 0.3684, 0.2746



24.3505, 0.4441, 0.3541

Sweetspot

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



24.3515, 0.2529, 0.3928



50.1047, 0.2895, 0.3448



24.1569, 0.3253, 0.5372



11.2678, 0.2870, 0.3469



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.3515, 0.2529, 0.3928



42.0254, 0.2501, 0.4097



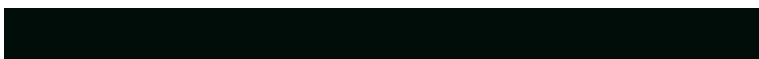
18.8038, 0.2222, 0.2847



6.9966, 0.3025, 0.3354



19.7561, 0.2505, 0.4219



0.3015, 0.2377, 0.3758

Inverse Universe

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



8.9032, 0.4798, 0.2838



13.1046, 0.5378, 0.2871



10.6140, 0.5190, 0.3608



6.2501, 0.3241, 0.3227



5.7498, 0.5762, 0.2948



0.0916, 0.4719, 0.2373

Previews

White Background



This preview shows how the Yxy color 24.3505, 0.2529, 0.3928 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 24.3505, 0.2529, 0.3928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

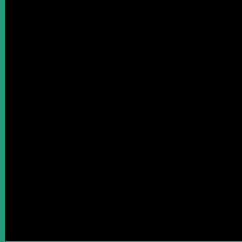
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3505, 0.2529, 0.3928

Background



This preview shows how black text looks on a background with the Yxy color 24.3505, 0.2529, 0.3928.



This preview shows how white text looks on a background with the Yxy color 24.3505, 0.2529, 0.3928.

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

24.3505, 0.2529, 0.3928

Protanopia

23.9708, 0.3460, 0.3669

Deuteranopia

24.0509, 0.3421, 0.3357



Tritanopia

24.3627, 0.2342, 0.3064

Trichromacy



Original Color

24.3505, 0.2529, 0.3928

Protanomaly

23.3517, 0.3010, 0.3787

Deuteranomaly

23.0769, 0.2987, 0.3551

Tritanomaly

24.3235, 0.2405, 0.3366

Monochromacy



Original Color

24.3505, 0.2529, 0.3928

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

19.1324, 0.2801, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3505, 0.2529, 0.3928 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(43, 152, 121)` looks like.

```
.text, #text, p{  
    color:rgb(43, 152, 121)  
}
```

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(43, 152, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 152, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.3505, 0.2529, 0.3928 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(43, 152, 121) }
```

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

```
.border{ border-color:rgb(43, 152, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 152, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 152, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 152, 121);  
box-shadow:4px 4px 4px 4px rgb(43, 152,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3505, 0.2529, 0.3928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 152, 121) }
```

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

```
.background{ background-color: rgb(43, 152,  
121) }
```

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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