

Converting Colors

$Yxy(24.6960, 0.2326, 0.3447)$

Have a look what the booklet for
Yxy(24.6960, 0.2326, 0.3447)
contains.

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Color

Yxy(24.6643, 0.2325, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	189890
RGB	24, 152, 144
RGB Percent	9%, 60%, 56%
CMY	0.9054, 0.4039, 0.4353
CMYK	0.84, 0.00, 0.05, 0.40
HSL	176°, 73%, 35%
HSV	176°, 84%, 60%
XYZ	16.6409, 24.6643, 30.2685
YIQ	112.8160, -73.7200, -29.6240

Conversions

Conversions Part 2

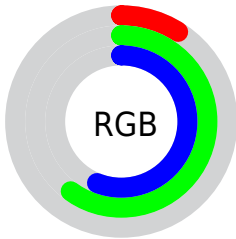
Format	Color
R_{YB}	24, 90, 152
Decimal	1611920
CIE _{Lab}	56.75, -33.85, -5.10
CIE _{LCh}	57, 34.231, 188.574
Yxy	24.6643, 0.2325, 0.3446
Android (android.graphics.Color)	4279802000 (0xFF189890)
YUV	112.8160, 15.3737, -77.8916
Hunter-Lab	49.6632, -27.0996, -1.3716

Details

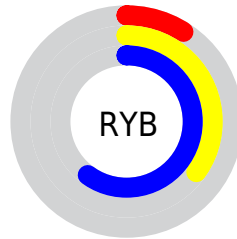
The Yxy color **24.6643, 0.2325, 0.3446** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.4386, 0.5868, 0.3223**, and the grayscale version is **16.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1897, 0.2491, 0.3416**, and **9.9225, 0.2295, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **24.4981, 0.2307, 0.3466**, and if you desaturate by 10%, it is **24.9364, 0.2361, 0.3426**.

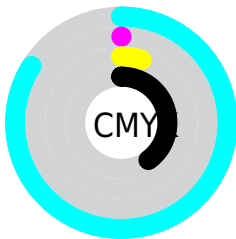
Distribution



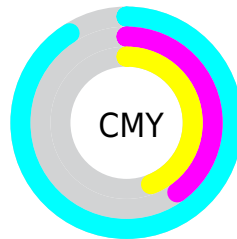
- Red (9%)
- Green (60%)
- Blue (56%)



- Red (9%)
- Yellow (35%)
- Blue (60%)



- Cyan (84%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)




- Cyan (91%)
- Magenta (40%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6643, 0.2325, 0.3446 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 24.6643, 0.2325, 0.3446 by changing the saturation by 10% instead.


 24.6643, 0.2325,
0.3446


 24.6643, 0.2325,
0.3446


 276.1620, 0.2760,
0.3368


 15.8271, 0.2205,
0.3464


 51.1121, 0.2492,
0.3418

 9.4019, 0.2043,
0.3486


 69.4915, 0.2552,
0.3408

 5.0042, 0.1815,
0.3511

 91.8204, 0.2601,
0.3399

 2.2498, 0.1476,
0.3535

 118.4833, 0.2643,
0.3391

 0.7469, 0.0000,
0.3866

 149.8645, 0.2679,
0.3384

 0.0000, 0.0000,
0.0000

 186.3484, 0.2710,

0.3378

228.3194, 0.2737,
0.3373

■ 24.6643, 0.2325,
0.3446

■ 24.6643, 0.2325,
0.3446

■ 24.4981, 0.2307,
0.3466

■ 24.9364, 0.2361,
0.3426

■ 24.4237, 0.2300,
0.3478

■ 25.3270, 0.2414,
0.3405

■ 25.8497, 0.2486,
0.3385

■ 26.5155, 0.2576,
0.3365

■ 27.3344, 0.2681,
0.3346

■ 28.3152, 0.2800,
0.3328

■ 29.4664, 0.2930,
0.3311

■ 30.7957, 0.3068,
0.3296

■ 32.3103, 0.3212,
0.3282

Harmonies

Analogous

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



24.6643, 0.2775, 0.4026



24.6643, 0.2325, 0.3446



24.6643, 0.2095, 0.2880

Triad

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



24.6643, 0.2325, 0.3446



24.6643, 0.2822, 0.2437



24.6643, 0.4240, 0.3967

Complementary

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



24.6643, 0.2325, 0.3446



7.4386, 0.5868, 0.3223

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.



24.6643, 0.4283, 0.3524



24.6643, 0.2325, 0.3446



24.6643, 0.3417, 0.2689

Square

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



24.6643, 0.2325, 0.3446



24.6643, 0.2360, 0.2366



24.6643, 0.3973, 0.3073



24.6643, 0.3886, 0.4294

Rectangle

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



24.6643, 0.2325, 0.3446



24.6643, 0.2077, 0.2606



24.6643, 0.3973, 0.3073



24.6643, 0.4293, 0.3826

Sweetspot

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



24.6652, 0.2325, 0.3446



49.7280, 0.2783, 0.3331



22.8400, 0.3041, 0.5783



11.1710, 0.2744, 0.3336



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.



24.6652, 0.2325, 0.3446



43.1015, 0.2301, 0.3482



10.9358, 0.1959, 0.2083



7.0199, 0.2997, 0.3304



20.4810, 0.2299, 0.3477



0.3079, 0.2274, 0.3385

Inverse Universe

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



7.4386, 0.5868, 0.3223



11.8100, 0.6339, 0.3266



12.4114, 0.5181, 0.4031



6.2286, 0.3274, 0.3276



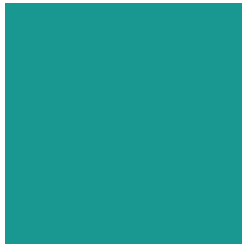
5.6164, 0.6310, 0.3250



0.0854, 0.5896, 0.3022

Previews

White Background



This preview shows how the Yxy color 24.6643, 0.2325, 0.3446 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 24.6643, 0.2325, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

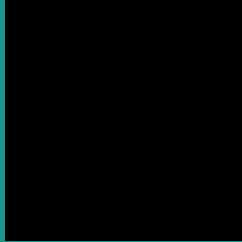
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6643, 0.2325, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 24.6643, 0.2325, 0.3446.



This preview shows how white text looks on a background with the Yxy color 24.6643, 0.2325, 0.3446.

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

24.6643, 0.2325, 0.3446

Protanopia

24.4524, 0.3171, 0.3307

Deuteranopia

24.3914, 0.3072, 0.3028



Tritanopia

24.5749, 0.2252, 0.3044

Trichromacy



Original Color

24.6643, 0.2325, 0.3446



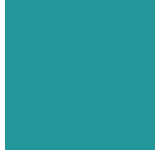
Protanomaly

23.4261, 0.2719, 0.3345



Deuteranomaly

23.2245, 0.2658, 0.3142



Tritanomaly

24.5366, 0.2278, 0.3192

Monochromacy



Original Color

24.6643, 0.2325, 0.3446



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

18.3833, 0.2666, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6643, 0.2325, 0.3446 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(24, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(24, 152, 144)  
}
```

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(24, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 152, 144) }
```

Border

The CSS property to change the border of an element to Yxy 24.6643, 0.2325, 0.3446 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(24, 152, 144) }
```

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

```
.border{ border-color:rgb(24, 152, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(24, 152,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6643, 0.2325, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 152, 144) }
```

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

```
.background{ background-color: rgb(24, 152,  
144) }
```

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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