

Converting Colors

$Y_{xy}(24.7971, 0.2479, 0.3235)$

Have a look what the booklet for
Yxy(24.7971, 0.2479, 0.3235)
contains.

Yxy(24.9100, 0.2475, 0.3232)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(24.9100, 0.2475, 0.3232)$

Conversions

Conversions Part 1

Format	Color
Hex	4B9497
RGB	75, 148, 151
RGB Percent	29%, 58%, 59%
CMY	0.7061, 0.4196, 0.4078
CMYK	0.50, 0.02, 0.00, 0.41
HSL	182°, 34%, 44%
HSV	182°, 50%, 59%
XYZ	19.0756, 24.9100, 33.0874
YIQ	126.5150, -44.4710, -14.5430

Conversions

Conversions Part 2

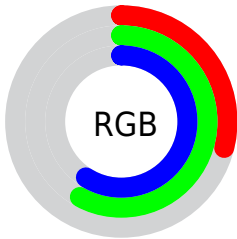
Format	Color
R_{YB}	75, 112, 151
Decimal	4953239
CIE _{Lab}	56.99, -21.86, -8.62
CIE _{LCh}	57, 23.500, 201.521
Yxy	24.9100, 0.2475, 0.3232
Android (android.graphics.Color)	4283143319 (0xFF4B9497)
YUV	126.5150, 12.0711, -45.1787
Hunter-Lab	49.9099, -19.1197, -4.3690

Details

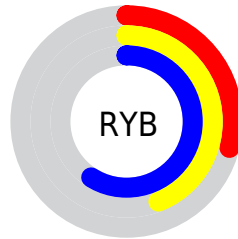
The Yxy color **24.9100, 0.2475, 0.3232** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.5318, 0.4472, 0.3344**, and the grayscale version is **21.0150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3947, 0.2613, 0.3248**, and **9.5276, 0.2247, 0.3202** is the 20% darker color. If you saturate the color by 10%, you get **24.1861, 0.2388, 0.3219**, and if you desaturate by 10%, it is **25.7813, 0.2579, 0.3245**.

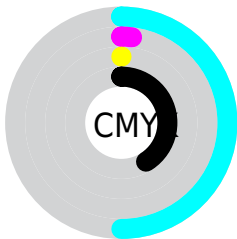
Distribution



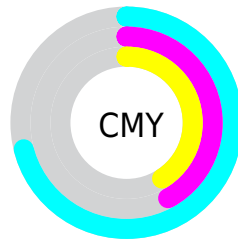
- Red (29%)
- Green (58%)
- Blue (59%)



- Red (29%)
- Yellow (44%)
- Blue (59%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)





- Cyan (71%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9100, 0.2475, 0.3232 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 24.9100, 0.2475, 0.3232 by changing the saturation by 10% instead.


 24.9100, 0.2475,
0.3232


 24.9100, 0.2475,
0.3232


277.3894, 0.2828,
0.3272


 16.0100, 0.2377,
0.3217

 51.5112, 0.2610,
0.3250


 9.5312, 0.2246,
0.3195


 69.9812, 0.2659,
0.3255

 5.0893, 0.2059,
0.3158

 92.4099, 0.2699,
0.3259

 2.2997, 0.1778,
0.3088

 119.1819, 0.2733,
0.3263

 0.7736, 0.0805,
0.3089

 150.6814, 0.2762,
0.3266

 0.0000, 0.0000,
0.0000

187.2929, 0.2787,

0.3268

229.4008, 0.2809,
0.3270

■ 24.9100, 0.2475,
0.3232

■ 24.9100, 0.2475,
0.3232

■ 24.1861, 0.2388,
0.3219

■ 25.7813, 0.2579,
0.3245

■ 23.5962, 0.2318,
0.3206

■ 26.8066, 0.2699,
0.3257

■ 23.1297, 0.2267,
0.3193

■ 27.9953, 0.2831,
0.3269

■ 22.7727, 0.2234,
0.3180

■ 29.3554, 0.2972,
0.3280

■ 22.4985, 0.2213,
0.3168

■ 30.8943, 0.3122,
0.3290

■ 32.6191, 0.3275,
0.3299

■ 34.5363, 0.3431,
0.3307

■ 36.6522, 0.3586,
0.3315

■ 38.9729, 0.3739,
0.3321

Harmonies

Analogous

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



24.9100, 0.2739, 0.3628



24.9100, 0.2475, 0.3232



24.9100, 0.2379, 0.2887

Triad

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



24.9100, 0.2475, 0.3232



24.9100, 0.3095, 0.2746



24.9100, 0.3818, 0.3888

Complementary

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



24.9100, 0.2475, 0.3232



12.5318, 0.4472, 0.3344

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.



24.9100, 0.3937, 0.3614



24.9100, 0.2475, 0.3232



24.9100, 0.3505, 0.2978

Square

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



24.9100, 0.2475, 0.3232



24.9100, 0.2719, 0.2638



24.9100, 0.3821, 0.3287



24.9100, 0.3514, 0.4018

Rectangle

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



24.9100, 0.2475, 0.3232



24.9100, 0.2417, 0.2732



24.9100, 0.3821, 0.3287



24.9100, 0.3882, 0.3808

Sweetspot

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



24.9110, 0.2475, 0.3232



51.3189, 0.2901, 0.3274



24.1753, 0.3036, 0.4790



11.5580, 0.2874, 0.3272



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.



24.9110, 0.2475, 0.3232



43.2070, 0.2381, 0.3218



14.9780, 0.2331, 0.2475



6.9846, 0.2989, 0.3281



19.1455, 0.2214, 0.3169



0.2974, 0.2229, 0.3226

Inverse Universe

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



13.7451, 0.3225, 0.2149



21.1006, 0.3247, 0.1952



19.4688, 0.4125, 0.3971



6.3194, 0.3143, 0.3079



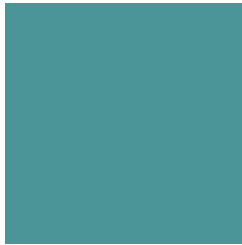
7.3381, 0.3308, 0.1596



0.1108, 0.3260, 0.1570

Previews

White Background



This preview shows how the Yxy color 24.9100, 0.2475, 0.3232 looks on a white background.

Color Contrast Check

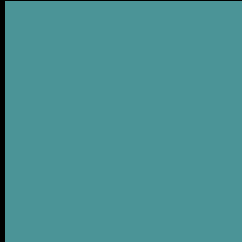
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9100, 0.2475, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

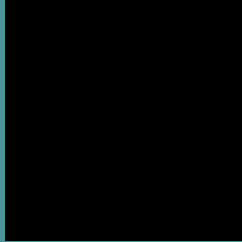
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9100, 0.2475, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 24.9100, 0.2475, 0.3232.

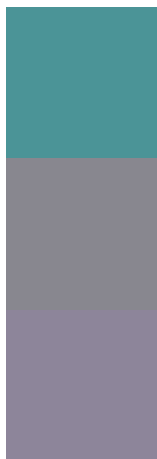


This preview shows how white text looks on a background with the Yxy color 24.9100, 0.2475, 0.3232.

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

24.9100, 0.2475, 0.3232

Protanopia

24.5454, 0.3056, 0.3155

Deuteranopia

24.7709, 0.3001, 0.2949



Tritanopia

24.9903, 0.2436, 0.3070

Trichromacy



Original Color

24.9100, 0.2475, 0.3232

Protanomaly

24.4089, 0.2804, 0.3183

Deuteranomaly

24.2588, 0.2769, 0.3029

Tritanomaly

24.8455, 0.2450, 0.3123

Monochromacy



Original Color

24.9100, 0.2475, 0.3232

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.2937, 0.2830, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9100, 0.2475, 0.3232 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(75, 148, 151)` looks like.

```
.text, #text, p{  
    color:rgb(75, 148, 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(75, 148, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 148, 151) }
```

Border

The CSS property to change the border of an element to Yxy 24.9100, 0.2475, 0.3232 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(75, 148, 151) }
```

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

```
.border{ border-color:rgb(75, 148, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 148, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 148, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 148, 151);  
box-shadow:4px 4px 4px 4px rgb(75, 148,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9100, 0.2475, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 148, 151) }
```

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

```
.background{ background-color: rgb(75, 148,  
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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