

Converting Colors

$Y_{xy}(24.3286, 0.2475, 0.3195)$

Have a look what the booklet for
Yxy(24.3286, 0.2475, 0.3195)
contains.

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Color

Yxy(24.3286, 0.2475, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	4C9297
RGB	76, 146, 151
RGB Percent	30%, 57%, 59%
CMY	0.7018, 0.4275, 0.4079
CMYK	0.50, 0.03, 0.00, 0.41
HSL	184°, 33%, 45%
HSV	184°, 50%, 59%
XYZ	18.8461, 24.3286, 32.9712
YIQ	125.6400, -43.3250, -13.2850

Conversions

Conversions Part 2

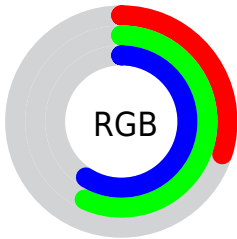
Format	Color
R_{YB}	76, 112, 151
Decimal	5018263
CIE _{Lab}	56.42, -20.57, -9.45
CIE _{LCh}	56, 22.639, 204.671
Yxy	24.3286, 0.2475, 0.3195
Android (android.graphics.Color)	4283208343 (0xFF4C9297)
YUV	125.6400, 12.5025, -43.5343
Hunter-Lab	49.3240, -18.1144, -5.1062

Details

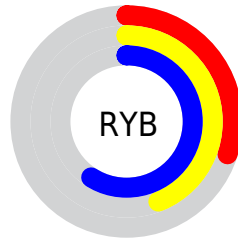
The Yxy color **24.3286, 0.2475, 0.3195** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.9876, 0.4423, 0.3378**, and the grayscale version is **20.7067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4622, 0.2609, 0.3221**, and **9.1901, 0.2243, 0.3144** is the 20% darker color. If you saturate the color by 10%, you get **23.4737, 0.2383, 0.3173**, and if you desaturate by 10%, it is **25.3332, 0.2583, 0.3216**.

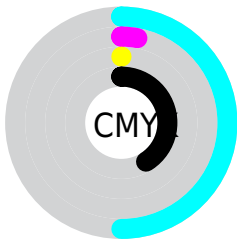
Distribution



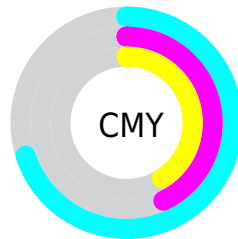
- Red (30%)
- Green (57%)
- Blue (59%)



- Red (30%)
- Yellow (44%)
- Blue (59%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (41%)




- Cyan (70%)
- Magenta (43%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3286, 0.2475, 0.3195 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 24.3286, 0.2475, 0.3195 by changing the saturation by 10% instead.


 24.3286, 0.2475,
0.3195


 24.3286, 0.2475,
0.3195


274.4776, 0.2829,
0.3255


 15.5776, 0.2377,
0.3174


 50.5659, 0.2611,
0.3221

 9.2257, 0.2244,
0.3144


 68.8209, 0.2660,
0.3229

 4.8887, 0.2055,
0.3094

 91.0128, 0.2700,
0.3236

 2.1821, 0.1770,
0.3004

 117.5258, 0.2734,
0.3241

 0.7102, 0.0721,
0.2962

 148.7444, 0.2763,
0.3246

 0.0000, 0.0000,
0.0000

185.0530, 0.2788,

0.3249

226.8359, 0.2810,
0.3253

■ 24.3286, 0.2475,
0.3195

■ 24.3286, 0.2475,
0.3195

■ 23.4737, 0.2383,
0.3173

■ 25.3332, 0.2583,
0.3216

■ 22.7555, 0.2309,
0.3151

■ 26.4941, 0.2706,
0.3237

■ 22.1631, 0.2254,
0.3129

■ 27.8206, 0.2840,
0.3256

■ 21.6829, 0.2216,
0.3107

■ 29.3208, 0.2983,
0.3274

■ 21.2823, 0.2191,
0.3085

■ 31.0021, 0.3133,
0.3291

■ 21.2679, 0.2190,
0.3085

■ 32.8713, 0.3286,
0.3306

■ 34.9351, 0.3440,
0.3319

■ 37.1997, 0.3593,
0.3332

■ 39.6712, 0.3744,
0.3342

Harmonies

Analogous

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



24.3286, 0.2717, 0.3579



24.3286, 0.2475, 0.3195



24.3286, 0.2400, 0.2871

Triad

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



24.3286, 0.2475, 0.3195



24.3286, 0.3139, 0.2779



24.3286, 0.3775, 0.3893

Complementary

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



24.3286, 0.2475, 0.3195



12.9876, 0.4423, 0.3378

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.



24.3286, 0.3911, 0.3638



24.3286, 0.2475, 0.3195



24.3286, 0.3533, 0.3015

Square

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



24.3286, 0.2475, 0.3195



24.3286, 0.2764, 0.2660



24.3286, 0.3823, 0.3321



24.3286, 0.3465, 0.3998

Rectangle

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



24.3286, 0.2475, 0.3195



24.3286, 0.2449, 0.2730



24.3286, 0.3823, 0.3321



24.3286, 0.3844, 0.3820

Sweetspot

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



24.3295, 0.2475, 0.3195



50.9646, 0.2901, 0.3264



24.2406, 0.3028, 0.4740



11.4674, 0.2873, 0.3260



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.



24.3295, 0.2475, 0.3195



41.8342, 0.2370, 0.3170



14.8728, 0.2338, 0.2463



6.9563, 0.2989, 0.3275



18.1151, 0.2191, 0.3086



0.2890, 0.2218, 0.3183

Inverse Universe

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



13.8273, 0.3252, 0.2190



20.9620, 0.3285, 0.1981



19.8822, 0.4096, 0.3981



6.3166, 0.3147, 0.3085



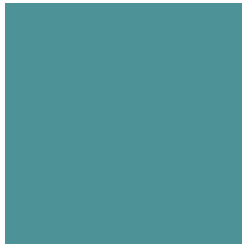
7.2340, 0.3379, 0.1635



0.1100, 0.3296, 0.1589

Previews

White Background



This preview shows how the Yxy color 24.3286, 0.2475, 0.3195 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 24.3286, 0.2475, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

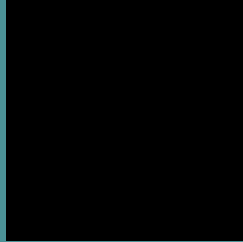
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3286, 0.2475, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 24.3286, 0.2475, 0.3195.



This preview shows how white text looks on a background with the Yxy color 24.3286, 0.2475, 0.3195.

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

24.3286, 0.2475, 0.3195

Protanopia

24.1017, 0.3035, 0.3137

Deuteranopia

23.9690, 0.2968, 0.2912



Tritanopia

24.3048, 0.2443, 0.3068

Trichromacy



Original Color

24.3286, 0.2475, 0.3195

Protanomaly

23.7630, 0.2792, 0.3147

Deuteranomaly

23.5531, 0.2747, 0.2992

Tritanomaly

24.1951, 0.2450, 0.3103

Monochromacy



Original Color

24.3286, 0.2475, 0.3195

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.7125, 0.2837, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3286, 0.2475, 0.3195 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(76, 146, 151)` looks like.

```
.text, #text, p{  
    color:rgb(76, 146, 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(76, 146, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 146, 151) }
```

Border

The CSS property to change the border of an element to Yxy 24.3286, 0.2475, 0.3195 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(76, 146, 151) }
```

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

```
.border{ border-color:rgb(76, 146, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 146, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 146, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 146, 151);  
box-shadow:4px 4px 4px 4px rgb(76, 146,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3286, 0.2475, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 146, 151) }
```

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

```
.background{ background-color: rgb(76, 146,  
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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