

Converting Colors

$Yxy(24.4053, 0.2631, 0.3359)$

Have a look what the booklet for
Yxy(24.4053, 0.2631, 0.3359)
contains.

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Color

Yxy(24.3276, 0.2630, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	59918E
RGB	89, 145, 142
RGB Percent	35%, 57%, 56%
CMY	0.6509, 0.4314, 0.4432
CMYK	0.39, 0.00, 0.02, 0.43
HSL	177°, 24%, 46%
HSV	177°, 39%, 57%
XYZ	19.1275, 24.3276, 29.2731
YIQ	127.9140, -32.4130, -12.8050

Conversions

Conversions Part 2

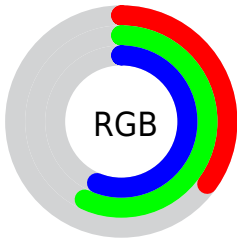
Format	Color
RYB	89, 118, 145
Decimal	5869966
CIELab	56.41, -19.12, -4.23
CIElCh	56, 19.587, 192.472
Yxy	24.3276, 0.2630, 0.3345
Android (android.graphics.Color)	4284060046 (0xFF59918E)
YUV	127.9140, 6.9444, -34.1276
Hunter-Lab	49.3230, -17.0927, -0.6624

Details

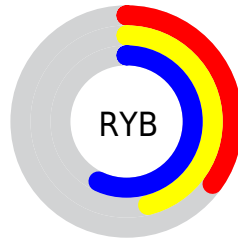
The Yxy color **24.3276, 0.2630, 0.3345** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9399, 0.3992, 0.3239**, and the grayscale version is **21.5400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5832, 0.2734, 0.3329**, and **9.1714, 0.2443, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **23.6570, 0.2531, 0.3361**, and if you desaturate by 10%, it is **25.1416, 0.2744, 0.3329**.

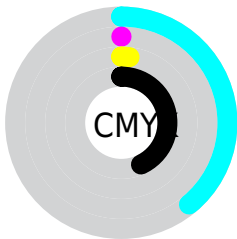
Distribution



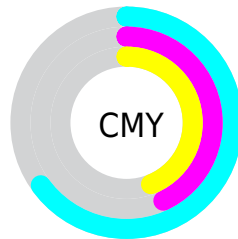
- Red (35%)
- Green (57%)
- Blue (56%)



- Red (35%)
- Yellow (46%)
- Blue (57%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (43%)





- Cyan (65%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3276, 0.2630, 0.3345 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 24.3276, 0.2630, 0.3345 by changing the saturation by 10% instead.


 24.3276, 0.2630,
0.3345


 24.3276, 0.2630,
0.3345


274.4726, 0.2902,
0.3318


 15.5768, 0.2553,
0.3351


 50.5643, 0.2735,
0.3336

 9.2252, 0.2448,
0.3358


 68.8189, 0.2773,
0.3332

 4.8884, 0.2296,
0.3366

 91.0104, 0.2804,
0.3329

 2.1819, 0.2060,
0.3371

 117.5229, 0.2830,
0.3326

 0.7101, 0.1045,
0.3567

148.7410, 0.2852,
0.3324

 0.0000, 0.0000,
0.0000

185.0491, 0.2871,

0.3322

226.8315, 0.2888,
0.3320

■ 24.3276, 0.2630,
0.3345

■ 24.3276, 0.2630,
0.3345

■ 23.6570, 0.2531,
0.3361

■ 25.1416, 0.2744,
0.3329

■ 23.1185, 0.2449,
0.3379

■ 26.1038, 0.2869,
0.3315

■ 22.7040, 0.2384,
0.3396

■ 27.2222, 0.3005,
0.3301

■ 22.4031, 0.2337,
0.3413

■ 28.5035, 0.3147,
0.3288

■ 22.2036, 0.2309,
0.3431

■ 29.9540, 0.3294,
0.3277

■ 22.0793, 0.2294,
0.3448

■ 31.5795, 0.3442,
0.3267

■ 22.0632, 0.2292,
0.3450

■ 33.3858, 0.3590,
0.3258

■ 35.3782, 0.3736,
0.3250

■ 37.5619, 0.3879,
0.3244

Harmonies

Analogous

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



24.3276, 0.2892, 0.3661



24.3276, 0.2630, 0.3345



24.3276, 0.2501, 0.3033

Triad

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



24.3276, 0.2630, 0.3345



24.3276, 0.3000, 0.2787



24.3276, 0.3758, 0.3738

Complementary

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



24.3276, 0.2630, 0.3345



13.9399, 0.3992, 0.3239

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.



24.3276, 0.3797, 0.3488



24.3276, 0.2630, 0.3345



24.3276, 0.3346, 0.2957

Square

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



24.3276, 0.2630, 0.3345



24.3276, 0.2704, 0.2733



24.3276, 0.3644, 0.3207



24.3276, 0.3545, 0.3886

Rectangle

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



24.3276, 0.2630, 0.3345



24.3276, 0.2501, 0.2874



24.3276, 0.3644, 0.3207



24.3276, 0.3793, 0.3663

Sweetspot

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



24.3286, 0.2630, 0.3345



47.9878, 0.2955, 0.3306



23.2869, 0.3110, 0.4411



10.6250, 0.2939, 0.3307



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.3286, 0.2630, 0.3345



42.5468, 0.2546, 0.3359



17.7805, 0.2538, 0.2814



6.1114, 0.2997, 0.3302



18.9249, 0.2292, 0.3449



0.1819, 0.2267, 0.3362

Inverse Universe

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



13.9399, 0.3992, 0.3239



21.3158, 0.4284, 0.3229



18.6131, 0.3879, 0.3719



5.4285, 0.3273, 0.3279



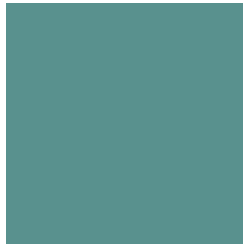
5.1793, 0.6319, 0.3255



0.0503, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 24.3276, 0.2630, 0.3345 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 24.3276, 0.2630, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

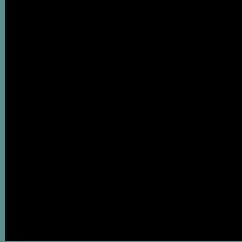
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3276, 0.2630, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 24.3276, 0.2630, 0.3345.



This preview shows how white text looks on a background with the Yxy color 24.3276, 0.2630, 0.3345.

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

24.3276, 0.2630, 0.3345

Protanopia

24.1461, 0.3140, 0.3256

Deuteranopia

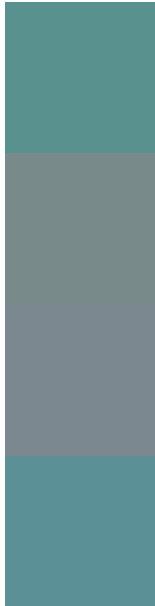
24.1166, 0.3115, 0.3060



Tritanopia

24.2868, 0.2549, 0.3071

Trichromacy



Original Color

24.3276, 0.2630, 0.3345

Protanomaly

24.0050, 0.2935, 0.3289

Deuteranomaly

23.8329, 0.2908, 0.3150

Tritanomaly

24.3727, 0.2581, 0.3178

Monochromacy



Original Color

24.3276, 0.2630, 0.3345

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3211, 0.2919, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3276, 0.2630, 0.3345 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(89, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(89, 145, 142)  
}
```

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(89, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 145, 142) }
```

Border

The CSS property to change the border of an element to Yxy 24.3276, 0.2630, 0.3345 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(89, 145, 142) }
```

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

```
.border{ border-color:rgb(89, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(89, 145,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3276, 0.2630, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 145, 142) }
```

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

```
.background{ background-color: rgb(89, 145,  
142) }
```

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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