

Converting Colors

$Y_{xy}(26.7221, 0.2442, 0.3477)$

Have a look what the booklet for
Yxy(26.7221, 0.2442, 0.3477)
contains.

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Color

$\text{Yxy}(26.7221, 0.2442, 0.3477)$

Conversions

Conversions Part 1

Format	Color
Hex	399C92
RGB	57, 156, 146
RGB Percent	22%, 61%, 57%
CMY	0.7761, 0.3883, 0.4274
CMYK	0.63, 0.00, 0.06, 0.39
HSL	174°, 46%, 42%
HSV	174°, 63%, 61%
XYZ	18.7677, 26.7221, 31.3641
YIQ	125.2590, -55.7940, -24.0980

Conversions

Conversions Part 2

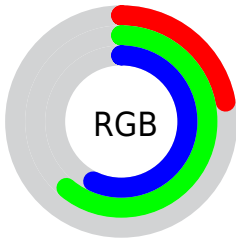
Format	Color
RYB	57, 109, 156
Decimal	3775634
CIELab	58.72, -30.90, -3.26
CIELCh	59, 31.067, 186.031
Yxy	26.7221, 0.2442, 0.3477
Android (android.graphics.Color)	4281965714 (0xFF399C92)
YUV	125.2590, 10.2253, -59.8631
Hunter-Lab	51.6934, -25.6576, 0.2122

Details

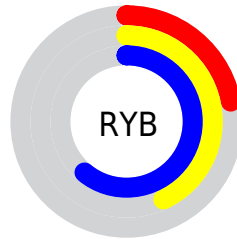
The Yxy color **26.7221, 0.2442, 0.3477** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.4083, 0.4895, 0.3147**, and the grayscale version is **20.5870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4717, 0.2584, 0.3439**, and **10.7452, 0.2310, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **26.2835, 0.2390, 0.3511**, and if you desaturate by 10%, it is **27.3043, 0.2513, 0.3444**.

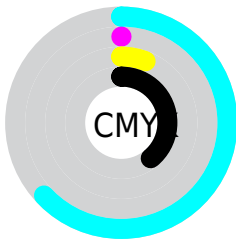
Distribution



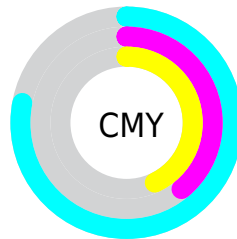
- Red (22%)
- Green (61%)
- Blue (57%)



- Red (22%)
- Yellow (43%)
- Blue (61%)



- Cyan (63%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)





- Cyan (78%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7221, 0.2442, 0.3477 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 26.7221, 0.2442, 0.3477 by changing the saturation by 10% instead.


 26.7221, 0.2442,
0.3477

 26.7221, 0.2442,
0.3477


286.3091, 0.2811,
0.3380


 17.3646, 0.2341,
0.3502


 54.4376, 0.2583,
0.3441


 10.4948, 0.2204,
0.3534


 73.5644, 0.2634,
0.3428


 5.7282, 0.2013,
0.3577

 96.7165, 0.2676,
0.3417

 2.6805, 0.1726,
0.3634

 124.2781, 0.2712,
0.3407

 0.9673, 0.0667,
0.3957

 156.6339, 0.2742,
0.3399

 0.0000, 0.0000,
0.0000

194.1680, 0.2768,

0.3392

237.2649, 0.2791,
0.3386

■ 26.7221, 0.2442,
0.3477

■ 26.7221, 0.2442,
0.3477

■ 26.2835, 0.2390,
0.3511

■ 27.3043, 0.2513,
0.3444

■ 25.9721, 0.2356,
0.3545

■ 28.0388, 0.2601,
0.3411

■ 25.7730, 0.2339,
0.3579

■ 28.9371, 0.2704,
0.3380

■ 25.6758, 0.2334,
0.3601

■ 30.0086, 0.2820,
0.3351

■ 31.2623, 0.2946,
0.3323

■ 32.7063, 0.3080,
0.3298

■ 34.3483, 0.3219,
0.3275

■ 36.1957, 0.3361,
0.3255

■ 38.2552, 0.3503,
0.3236

Harmonies

Analogous

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



26.7221, 0.2860, 0.3969



26.7221, 0.2442, 0.3477



26.7221, 0.2213, 0.2971

Triad

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



26.7221, 0.2442, 0.3477



26.7221, 0.2818, 0.2513



26.7221, 0.4130, 0.3872

Complementary

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



26.7221, 0.2442, 0.3477



10.4083, 0.4895, 0.3147

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.



26.7221, 0.4136, 0.3474



26.7221, 0.2442, 0.3477



26.7221, 0.3341, 0.2728

Square

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



26.7221, 0.2442, 0.3477



26.7221, 0.2416, 0.2466



26.7221, 0.3839, 0.3068



26.7221, 0.3841, 0.4166

Rectangle

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



26.7221, 0.2442, 0.3477



26.7221, 0.2183, 0.2713



26.7221, 0.3839, 0.3068



26.7221, 0.4167, 0.3745

Sweetspot

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



26.7231, 0.2442, 0.3477



55.3849, 0.2870, 0.3339



25.3231, 0.3114, 0.5237



12.0583, 0.2837, 0.3347



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.7231, 0.2442, 0.3477



47.4832, 0.2373, 0.3525



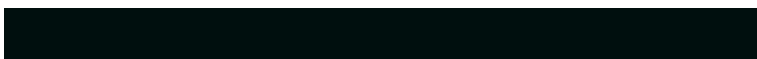
16.2482, 0.2206, 0.2528



7.4979, 0.3001, 0.3313



21.1533, 0.2333, 0.3599



0.3812, 0.2295, 0.3463

Inverse Universe

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



10.4083, 0.4895, 0.3147



15.4079, 0.5515, 0.3154



15.5483, 0.4636, 0.3887



6.6565, 0.3269, 0.3268



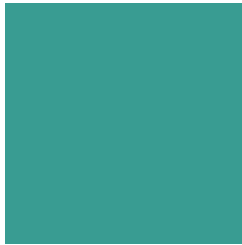
5.8547, 0.6253, 0.3218



0.1075, 0.5657, 0.2890

Previews

White Background



This preview shows how the Yxy color 26.7221, 0.2442, 0.3477 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 26.7221, 0.2442, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

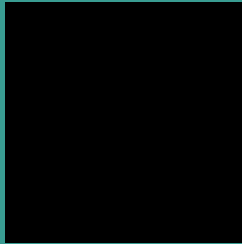
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7221, 0.2442, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 26.7221, 0.2442, 0.3477.



This preview shows how white text looks on a background with the Yxy color 26.7221, 0.2442, 0.3477.

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

26.7221, 0.2442, 0.3477

Protanopia

26.4916, 0.3201, 0.3339

Deuteranopia

26.1999, 0.3127, 0.3068



Tritanopia

26.6939, 0.2349, 0.3056

Trichromacy



Original Color

26.7221, 0.2442, 0.3477

Protanomaly

25.8960, 0.2845, 0.3396

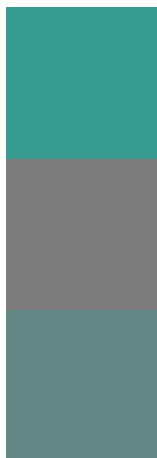
Deuteranomaly

25.5279, 0.2801, 0.3185

Tritanomaly

26.6712, 0.2381, 0.3197

Monochromacy



Original Color

26.7221, 0.2442, 0.3477

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.0111, 0.2781, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7221, 0.2442, 0.3477 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(57, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(57, 156, 146)  
}
```

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(57, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 156, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.7221, 0.2442, 0.3477 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(57, 156, 146) }
```

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

```
.border{ border-color:rgb(57, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(57, 156,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7221, 0.2442, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 156, 146) }
```

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

```
.background{ background-color: rgb(57, 156,  
146) }
```

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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