

Converting Colors

$Y_{xy}(25.0790, 0.3032, 0.3534)$

Have a look what the booklet for
Yxy(25.0790, 0.3032, 0.3534)
contains.

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Color

$Y_{xy}(24.9959, 0.3032, 0.3522)$

Conversions

Conversions Part 1

Format	Color
Hex	798E81
RGB	121, 142, 129
RGB Percent	47%, 56%, 51%
CMY	0.5256, 0.4431, 0.4941
CMYK	0.15, 0.00, 0.09, 0.44
HSL	143°, 9%, 52%
HSV	143°, 15%, 56%
XYZ	21.5183, 24.9959, 24.4565
YIQ	134.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

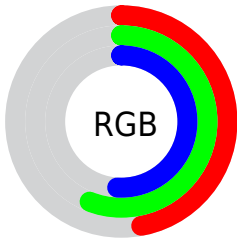
Format	Color
R_{YB}	121, 136, 142
Decimal	7966337
CIE _{Lab}	57.07, -10.22, 4.41
CIE _{LCh}	57, 11.136, 156.665
Yxy	24.9959, 0.3032, 0.3522
Android (android.graphics.Color)	4286156417 (0xFF798E81)
YUV	134.2390, -2.5828, -11.6106
Hunter-Lab	49.9959, -10.6661, 5.9942

Details

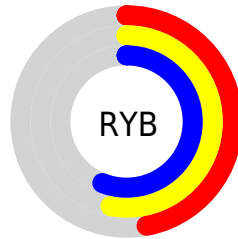
The Yxy color **24.9959, 0.3032, 0.3522** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1435, 0.3236, 0.3069**, and the grayscale version is **23.9439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7415, 0.3048, 0.3472**, and **9.6112, 0.2990, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **23.8217, 0.2970, 0.3701**, and if you desaturate by 10%, it is **26.3433, 0.3096, 0.3361**.

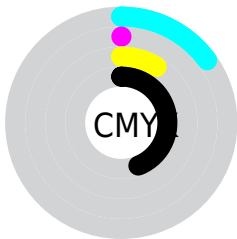
Distribution



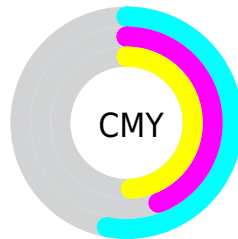
- Red (47%)
- Green (56%)
- Blue (51%)



- Red (47%)
- Yellow (53%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (44%)





- Cyan (53%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9959, 0.3032, 0.3522 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 24.9959, 0.3032, 0.3522 by changing the saturation by 10% instead.


 24.9959, 0.3032,
0.3522


 24.9959, 0.3032,
0.3522


277.8175, 0.3085,
0.3392


 16.0740, 0.3016,
0.3560


 51.6506, 0.3053,
0.3471

 9.5765, 0.2994,
0.3613


 70.1521, 0.3060,
0.3453

 5.1191, 0.2961,
0.3693

 92.6157, 0.3067,
0.3438

 2.3173, 0.2907,
0.3823

119.4257, 0.3072,
0.3426

 0.7829, 0.2715,
0.4298

150.9665, 0.3076,
0.3416

 0.0000, 0.0000,
0.0000

187.6224, 0.3080,

0.3407

229.7780, 0.3083,
0.3399

■ 24.9959, 0.3032,
0.3522

■ 24.9959, 0.3032,
0.3522

■ 23.8217, 0.2970,
0.3701

■ 26.3433, 0.3096,
0.3361

■ 22.8106, 0.2912,
0.3898

■ 27.8675, 0.3161,
0.3218

■ 21.9559, 0.2861,
0.4112

■ 29.5758, 0.3224,
0.3091

■ 21.2495, 0.2820,
0.4338

■ 31.4742, 0.3285,
0.2980

■ 20.6825, 0.2792,
0.4572

■ 33.5684, 0.3345,
0.2883

■ 20.2447, 0.2779,
0.4806

■ 35.8638, 0.3401,
0.2797

■ 19.9250, 0.2784,
0.5032

■ 38.3658, 0.3454,
0.2723

■ 19.7083, 0.2805,
0.5242

■ 41.0793, 0.3504,
0.2658

■ 19.6157, 0.2818,
0.5345

■ 44.0093, 0.3551,
0.2602

Harmonies

Analogous

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



24.9959, 0.3225, 0.3617



24.9959, 0.3032, 0.3522



24.9959, 0.2869, 0.3360

Triad

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



24.9959, 0.3032, 0.3522



24.9959, 0.2861, 0.2973



24.9959, 0.3493, 0.3380

Complementary

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



24.9959, 0.3032, 0.3522



21.1435, 0.3236, 0.3069

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.



24.9959, 0.3390, 0.3216



24.9959, 0.3032, 0.3522



24.9959, 0.3021, 0.2986

Square

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



24.9959, 0.3032, 0.3522



24.9959, 0.2772, 0.3042



24.9959, 0.3215, 0.3074



24.9959, 0.3495, 0.3527

Rectangle

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



24.9959, 0.3032, 0.3522



24.9959, 0.2796, 0.3240



24.9959, 0.3215, 0.3074



24.9959, 0.3469, 0.3325

Sweetspot

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



24.9970, 0.3032, 0.3522



46.6318, 0.3101, 0.3350



25.8214, 0.3255, 0.3653



10.3766, 0.3096, 0.3360



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.9970, 0.3032, 0.3522



43.3010, 0.3009, 0.3584



25.2822, 0.2936, 0.3339



6.0613, 0.3068, 0.3429



17.6131, 0.2816, 0.5337



0.1725, 0.2583, 0.4500

Inverse Universe

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



21.1435, 0.3236, 0.3069



35.0710, 0.3266, 0.3013



20.8721, 0.3358, 0.3242



5.4767, 0.3191, 0.3155



5.7982, 0.4424, 0.2211



0.0597, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 24.9959, 0.3032, 0.3522 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 24.9959, 0.3032, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

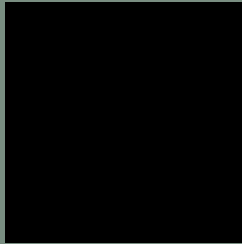
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

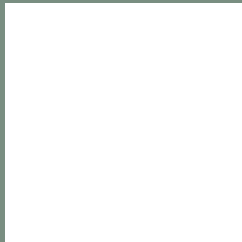
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.9959, 0.3032, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 24.9959, 0.3032, 0.3522.

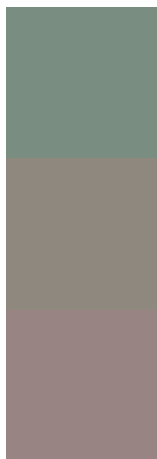


This preview shows how white text looks on a background with the Yxy color 24.9959, 0.3032, 0.3522.

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

24.9959, 0.3032, 0.3522

Protanopia

24.8655, 0.3301, 0.3459

Deuteranopia

24.8166, 0.3371, 0.3307



Tritanopia

25.0272, 0.2875, 0.3102

Trichromacy



Original Color

24.9959, 0.3032, 0.3522

Protanomaly

24.7776, 0.3196, 0.3480

Deuteranomaly

24.8827, 0.3246, 0.3392

Tritanomaly

24.9942, 0.2939, 0.3255

Monochromacy



Original Color

24.9959, 0.3032, 0.3522

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.2244, 0.3090, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9959, 0.3032, 0.3522 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(121, 142, 129)` looks like.

```
.text, #text, p{  
    color:rgb(121, 142, 129)  
}
```

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(121, 142, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 142, 129) }
```

Border

The CSS property to change the border of an element to Yxy 24.9959, 0.3032, 0.3522 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(121, 142, 129) }
```

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

```
.border{ border-color:rgb(121, 142, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 142, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 142, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 142, 129); box-shadow:4px 4px 4px 4px rgb(121, 142, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9959, 0.3032, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 142, 129) }
```

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

```
.background{ background-color: rgb(121,  
142, 129) }
```

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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