

Converting Colors

$Y_{xy}(25.0216, 0.2528, 0.3609)$

Have a look what the booklet for
Yxy(25.0216, 0.2528, 0.3609)
contains.

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Color

$\text{Yxy}(24.9392, 0.2526, 0.3602)$

Conversions

Conversions Part 1

Format	Color
Hex	3F9787
RGB	63, 151, 135
RGB Percent	25%, 59%, 53%
CMY	0.7529, 0.4078, 0.4706
CMYK	0.58, 0.00, 0.11, 0.41
HSL	169°, 41%, 42%
HSV	169°, 58%, 59%
XYZ	17.4893, 24.9392, 26.8086
YIQ	122.8640, -47.3120, -23.6320

Conversions

Conversions Part 2

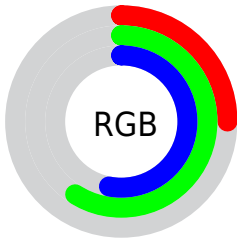
Format	Color
RYB	63, 111, 151
Decimal	4167559
CIELab	57.02, -30.33, 0.54
CIElCh	57, 30.339, 178.986
Yxy	24.9392, 0.2526, 0.3602
Android (android.graphics.Color)	4282357639 (0xFF3F9787)
YUV	122.8640, 5.9830, -52.5007
Hunter-Lab	49.9392, -24.8807, 3.1290

Details

The Yxy color **24.9392, 0.2526, 0.3602** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.7008, 0.4522, 0.3033**, and the grayscale version is **19.7528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6954, 0.2655, 0.3542**, and **9.5796, 0.2365, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **24.4328, 0.2470, 0.3665**, and if you desaturate by 10%, it is **25.5859, 0.2600, 0.3541**.

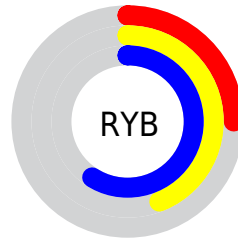
Distribution



Red (25%)

Green (59%)

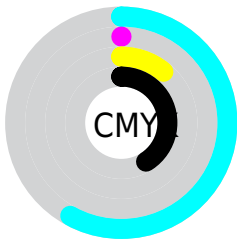
Blue (53%)



Red (25%)

Yellow (44%)

Blue (59%)

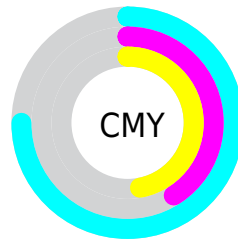


Cyan (58%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (75%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9392, 0.2526, 0.3602 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 24.9392, 0.2526, 0.3602 by changing the saturation by 10% instead.


 24.9392, 0.2526,
0.3602


 24.9392, 0.2526,
0.3602


277.5350, 0.2856,
0.3430


 16.0318, 0.2432,
0.3651


 51.5586, 0.2654,
0.3535


 9.5466, 0.2305,
0.3718


 70.0393, 0.2699,
0.3512

 5.0994, 0.2121,
0.3815

 92.4799, 0.2737,
0.3492

 2.3057, 0.1836,
0.3966

 119.2648, 0.2768,
0.3476

 0.7767, 0.0000,
0.4901

 150.7783, 0.2795,
0.3462

 0.0000, 0.0000,
0.0000

187.4050, 0.2818,

0.3450

229.5291, 0.2838,
0.3439

■ 24.9392, 0.2526,
0.3602

■ 24.9392, 0.2526,
0.3602

■ 24.4328, 0.2470,
0.3665

■ 25.5859, 0.2600,
0.3541

■ 24.0524, 0.2432,
0.3730

■ 26.3801, 0.2689,
0.3482

■ 23.7855, 0.2412,
0.3794

■ 27.3321, 0.2791,
0.3426

■ 23.6060, 0.2408,
0.3858

■ 28.4503, 0.2903,
0.3374

■ 23.5772, 0.2408,
0.3869

■ 29.7426, 0.3024,
0.3326

■ 31.2162, 0.3149,
0.3283

■ 32.8781, 0.3277,
0.3244

■ 34.7350, 0.3406,
0.3209

■ 36.7929, 0.3534,
0.3178

Harmonies

Analogous

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



24.9392, 0.2977, 0.4056



24.9392, 0.2526, 0.3602



24.9392, 0.2248, 0.3080

Triad

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



24.9392, 0.2526, 0.3602



24.9392, 0.2710, 0.2486



24.9392, 0.4159, 0.3783

Complementary

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



24.9392, 0.2526, 0.3602



10.7008, 0.4522, 0.3033

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.



24.9392, 0.4091, 0.3376



24.9392, 0.2526, 0.3602



24.9392, 0.3214, 0.2665

Square

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



24.9392, 0.2526, 0.3602



24.9392, 0.2349, 0.2484



24.9392, 0.3733, 0.2980



24.9392, 0.3929, 0.4113

Rectangle

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



24.9392, 0.2526, 0.3602



24.9392, 0.2183, 0.2794



24.9392, 0.3733, 0.2980



24.9392, 0.4172, 0.3651

Sweetspot

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



24.9402, 0.2526, 0.3602



51.1511, 0.2914, 0.3369



24.1615, 0.3172, 0.5041



11.5370, 0.2893, 0.3379



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.



24.9402, 0.2526, 0.3602



43.5179, 0.2456, 0.3685



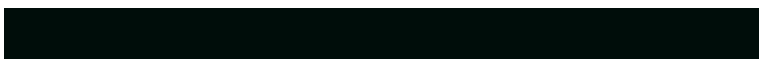
17.4920, 0.2299, 0.2729



7.0073, 0.3012, 0.3331



20.0608, 0.2407, 0.3865



0.3044, 0.2328, 0.3580

Inverse Universe

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



10.7008, 0.4522, 0.3033



15.5398, 0.5046, 0.3014



14.3995, 0.4534, 0.3754



6.2401, 0.3256, 0.3250



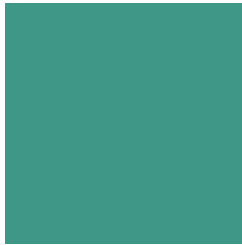
5.6697, 0.6075, 0.3120



0.0888, 0.5173, 0.2623

Previews

White Background



This preview shows how the Yxy color 24.9392, 0.2526, 0.3602 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 24.9392, 0.2526, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

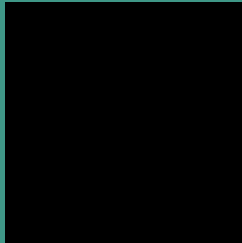
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9392, 0.2526, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 24.9392, 0.2526, 0.3602.



This preview shows how white text looks on a background with the Yxy color 24.9392, 0.2526, 0.3602.

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

24.9392, 0.2526, 0.3602

Protanopia

24.4970, 0.3291, 0.3443

Deuteranopia

24.6625, 0.3236, 0.3176



Tritanopia

24.7484, 0.2400, 0.3068

Trichromacy



Original Color

24.9392, 0.2526, 0.3602

Protanomaly

24.1454, 0.2950, 0.3509

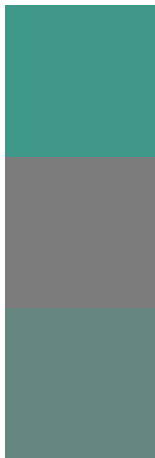
Deuteranomaly

24.0821, 0.2905, 0.3307

Tritanomaly

24.6470, 0.2446, 0.3250

Monochromacy



Original Color

24.9392, 0.2526, 0.3602

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.0741, 0.2842, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9392, 0.2526, 0.3602 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(63, 151, 135)` looks like.

```
.text, #text, p{  
    color:rgb(63, 151, 135)  
}
```

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(63, 151, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 151, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.9392, 0.2526, 0.3602 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(63, 151, 135) }
```

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

```
.border{ border-color:rgb(63, 151, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 151, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 151, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 151, 135);  
box-shadow:4px 4px 4px 4px rgb(63, 151,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9392, 0.2526, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 151, 135) }
```

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

```
.background{ background-color: rgb(63, 151,  
135) }
```

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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