

Converting Colors

$Y_{xy}(25.8918, 0.2307, 0.3218)$

Have a look what the booklet for
 $\text{Yxy}(25.8918, 0.2307, 0.3218)$
contains.

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Color

$\text{Yxy}(25.7304, 0.2306, 0.3212)$

Conversions

Conversions Part 1

Format	Color
Hex	2B999D
RGB	43, 153, 157
RGB Percent	17%, 60%, 62%
CMY	0.8317, 0.4000, 0.3842
CMYK	0.73, 0.03, 0.00, 0.38
HSL	182°, 57%, 39%
HSV	182°, 73%, 62%
XYZ	18.4727, 25.7304, 35.9040
YIQ	120.5660, -66.8440, -22.0760

Conversions

Conversions Part 2

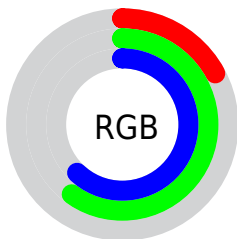
Format	Color
R_{YB}	43, 99, 157
Decimal	2857373
CIE _{Lab}	57.78, -28.39, -10.97
CIE _{LCh}	58, 30.439, 201.116
Yxy	25.7304, 0.2306, 0.3212
Android (android.graphics.Color)	4281047453 (0xFF2B999D)
YUV	120.5660, 17.9620, -68.0254
Hunter-Lab	50.7251, -23.7642, -6.4587

Details

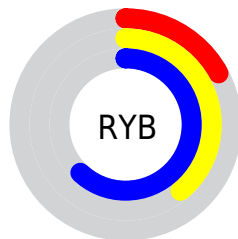
The Yxy color **25.7304, 0.2306, 0.3212** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.3740, 0.5483, 0.3346**, and the grayscale version is **18.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9910, 0.2472, 0.3234**, and **10.3480, 0.2208, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **25.2745, 0.2260, 0.3200**, and if you desaturate by 10%, it is **26.3196, 0.2370, 0.3224**.

Distribution



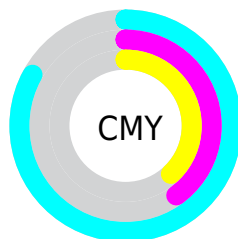
- Red (17%)
- Green (60%)
- Blue (62%)



- Red (17%)
- Yellow (39%)
- Blue (62%)



- Cyan (73%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (83%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7304, 0.2306, 0.3212 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 25.7304, 0.2306, 0.3212 by changing the saturation by 10% instead.


 25.7304, 0.2306,
0.3212


 25.7304, 0.2306,
0.3212


281.4561, 0.2745,
0.3267


 16.6221, 0.2187,
0.3191


 52.8397, 0.2472,
0.3237


 9.9654, 0.2029,
0.3160


 71.6094, 0.2533,
0.3244


 5.3760, 0.1811,
0.3107

 94.3684, 0.2583,
0.3250

 2.4695, 0.1492,
0.3010

 121.5011, 0.2626,
0.3255

 0.8613, 0.0433,
0.2973

 153.3918, 0.2662,
0.3259

 0.0000, 0.0000,
0.0000

190.4249, 0.2694,

0.3262

232.9849, 0.2721,
0.3265

■ 25.7304, 0.2306,
0.3212

■ 25.7304, 0.2306,
0.3212

■ 25.2745, 0.2260,
0.3200

■ 26.3196, 0.2370,
0.3224

■ 24.9331, 0.2231,
0.3189

■ 27.0528, 0.2453,
0.3235

■ 24.7269, 0.2217,
0.3181

■ 27.9425, 0.2553,
0.3247

■ 28.9995, 0.2669,
0.3258

■ 30.2334, 0.2798,
0.3268

■ 31.6530, 0.2939,
0.3278

■ 33.2667, 0.3087,
0.3288

■ 35.0823, 0.3240,
0.3296

■ 37.1071, 0.3396,
0.3304

Harmonies

Analogous

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



25.7304, 0.2634, 0.3734



25.7304, 0.2306, 0.3212



25.7304, 0.2188, 0.2772

Triad

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



25.7304, 0.2306, 0.3212



25.7304, 0.3074, 0.2607



25.7304, 0.4008, 0.4035

Complementary

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



25.7304, 0.2306, 0.3212



9.3740, 0.5483, 0.3346

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.



25.7304, 0.4164, 0.3678



25.7304, 0.2306, 0.3212



25.7304, 0.3602, 0.2890

Square

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



25.7304, 0.2306, 0.3212



25.7304, 0.2601, 0.2472



25.7304, 0.4016, 0.3269



25.7304, 0.3616, 0.4227

Rectangle

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



25.7304, 0.2306, 0.3212



25.7304, 0.2233, 0.2582



25.7304, 0.4016, 0.3269



25.7304, 0.4092, 0.3928

Sweetspot

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



25.7314, 0.2306, 0.3212



54.1798, 0.2802, 0.3269



24.8390, 0.3004, 0.5502



11.7945, 0.2768, 0.3266



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.



25.7314, 0.2306, 0.3212



44.8554, 0.2241, 0.3194



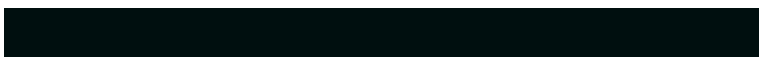
11.3448, 0.2010, 0.2021



7.4693, 0.2988, 0.3282



20.0861, 0.2217, 0.3182



0.3703, 0.2230, 0.3227

Inverse Universe

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



11.1934, 0.3261, 0.1779



17.6646, 0.3284, 0.1637



17.2015, 0.4694, 0.4190



6.7505, 0.3143, 0.3077



7.6499, 0.3297, 0.1590



0.1379, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 25.7304, 0.2306, 0.3212 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 25.7304, 0.2306, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

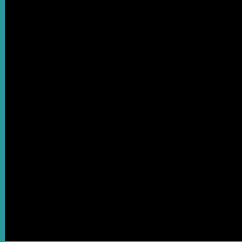
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7304, 0.2306, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 25.7304, 0.2306, 0.3212.

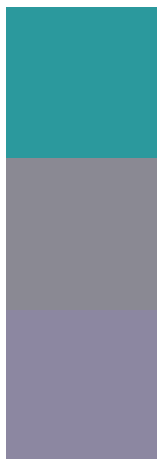


This preview shows how white text looks on a background with the Yxy color 25.7304, 0.2306, 0.3212.

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

25.7304, 0.2306, 0.3212

Protanopia

25.4012, 0.3037, 0.3124

Deuteranopia

25.4766, 0.2923, 0.2874



Tritanopia

25.7652, 0.2280, 0.3067

Trichromacy



Original Color

25.7304, 0.2306, 0.3212

Protanomaly

24.7629, 0.2668, 0.3146

Deuteranomaly

24.8873, 0.2612, 0.2975

Tritanomaly

25.6105, 0.2289, 0.3121

Monochromacy



Original Color

25.7304, 0.2306, 0.3212

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.8234, 0.2701, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7304, 0.2306, 0.3212 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(43, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(43, 153, 157)  
}
```

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(43, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 153, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.7304, 0.2306, 0.3212 is called "border". The border property can be set on classes, ids or directly on the HTML element.

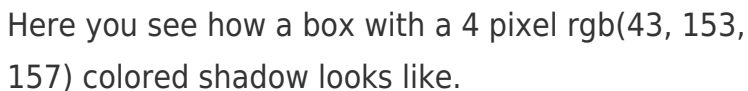
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 153, 157) }
```

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

```
.border{ border-color:rgb(43, 153, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(43, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(43, 153,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7304, 0.2306, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 153, 157) }
```

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

```
.background{ background-color: rgb(43, 153,  
157) }
```

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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