

Converting Colors

$Yxy(32.9017, 0.2506, 0.3214)$

Have a look what the booklet for
Yxy(32.9017, 0.2506, 0.3214)
contains.

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Color

Yxy(32.8913, 0.2503, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	5CA7AC
RGB	92, 167, 172
RGB Percent	36%, 65%, 67%
CMY	0.6392, 0.3451, 0.3255
CMYK	0.47, 0.03, 0.00, 0.33
HSL	184°, 33%, 52%
HSV	184°, 47%, 67%
XYZ	25.6790, 32.8913, 44.0226
YIQ	145.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

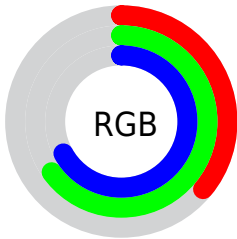
Format	Color
R_{YB}	92, 131, 172
Decimal	6072236
CIE _{Lab}	64.07, -21.91, -9.83
CIE _{LCh}	64, 24.013, 204.171
Yxy	32.8913, 0.2503, 0.3206
Android (android.graphics.Color)	4284262316 (0xFF5CA7AC)
YUV	145.1450, 13.2395, -46.6082
Hunter-Lab	57.3509, -20.4403, -5.3654

Details

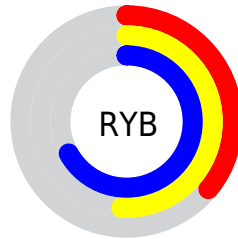
The Yxy color **32.8913, 0.2503, 0.3206** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0938, 0.4323, 0.3369**, and the grayscale version is **28.3382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9916, 0.2623, 0.3227**, and **13.9576, 0.2310, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **31.7131, 0.2406, 0.3185**, and if you desaturate by 10%, it is **34.2765, 0.2616, 0.3226**.

Distribution



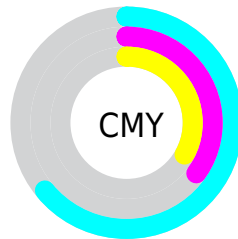
- Red (36%)
- Green (65%)
- Blue (67%)



- Red (36%)
- Yellow (51%)
- Blue (67%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)





- Cyan (64%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8913, 0.2503, 0.3206 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 32.8913, 0.2503, 0.3206 by changing the saturation by 10% instead.


 32.8913, 0.2503,
0.3206


 32.8913, 0.2503,
0.3206


315.1596, 0.2827,
0.3257

 22.0432, 0.2419,
0.3190


 64.2058, 0.2623,
0.3227


 13.8886, 0.2308,
0.3166


 85.4409, 0.2668,
0.3234

 8.0433, 0.2158,
0.3131


 110.9072, 0.2705,
0.3240

 4.1226, 0.1943,
0.3072

 140.9891, 0.2737,
0.3245

 1.7424, 0.1614,
0.2960

176.0708, 0.2764,
0.3249

 0.4509, 0.0000,
0.2740

216.5369, 0.2788,

 0.0000, 0.0000,

0.3252

0.0000

262.7717, 0.2808,
0.3255

■ 32.8913, 0.2503,
0.3206

■ 32.8913, 0.2503,
0.3206

■ 31.7131, 0.2406,
0.3185

■ 34.2765, 0.2616,
0.3226

■ 30.7241, 0.2327,
0.3165

■ 35.8772, 0.2743,
0.3245

■ 29.9102, 0.2267,
0.3144


■ 37.7063, 0.2881,
0.3263

■ 29.2533, 0.2226,
0.3123


■ 39.7744, 0.3028,
0.3280

■ 28.7285, 0.2200,
0.3102


■ 42.0915, 0.3181,
0.3295

 28.5580, 0.2193,
0.3095

 44.6670, 0.3336,
0.3309

 47.5099, 0.3492,
0.3322

 50.6285, 0.3647,
0.3333

 54.0311, 0.3798,
0.3343

Harmonies

Analogous

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



32.8913, 0.2739, 0.3573



32.8913, 0.2503, 0.3206



32.8913, 0.2427, 0.2893

Triad

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



32.8913, 0.2503, 0.3206



32.8913, 0.3133, 0.2796



32.8913, 0.3753, 0.3866

Complementary

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



32.8913, 0.2503, 0.3206



18.0938, 0.4323, 0.3369

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.



32.8913, 0.3880, 0.3621



32.8913, 0.2503, 0.3206



32.8913, 0.3511, 0.3022

Square

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



32.8913, 0.2503, 0.3206



32.8913, 0.2774, 0.2683



32.8913, 0.3791, 0.3316



32.8913, 0.3459, 0.3968

Rectangle

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



32.8913, 0.2503, 0.3206



32.8913, 0.2473, 0.2755



32.8913, 0.3791, 0.3316



32.8913, 0.3818, 0.3796

Sweetspot

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



32.8926, 0.2503, 0.3206



69.2146, 0.2914, 0.3267



32.6244, 0.3033, 0.4651



14.8789, 0.2884, 0.3263



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.8926, 0.2503, 0.3206



57.4371, 0.2402, 0.3184



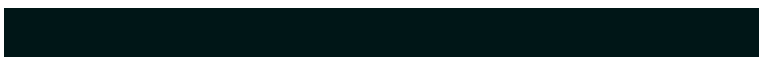
20.6940, 0.2380, 0.2516



8.9851, 0.2986, 0.3275



21.2827, 0.2194, 0.3097



0.6172, 0.2211, 0.3159

Inverse Universe

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



19.2167, 0.3241, 0.2239



29.7716, 0.3269, 0.2038



27.1525, 0.4033, 0.3946



8.1393, 0.3147, 0.3080



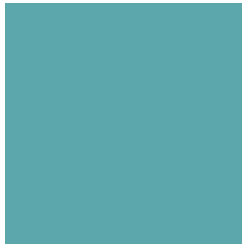
8.4515, 0.3369, 0.1630



0.2376, 0.3316, 0.1601

Previews

White Background



This preview shows how the Yxy color 32.8913, 0.2503, 0.3206 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.8913, 0.2503, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

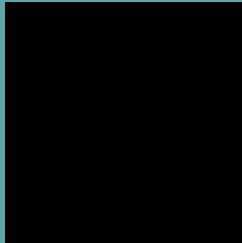
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8913, 0.2503, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 32.8913, 0.2503, 0.3206.

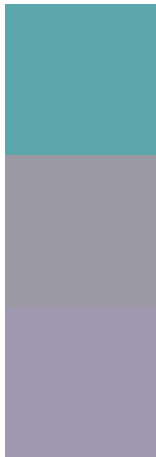


This preview shows how white text looks on a background with the Yxy color 32.8913, 0.2503, 0.3206.

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

32.8913, 0.2503, 0.3206

Protanopia

32.7601, 0.3046, 0.3141

Deuteranopia

32.7414, 0.2988, 0.2929



Tritanopia

32.9068, 0.2468, 0.3078

Trichromacy



Original Color

32.8913, 0.2503, 0.3206

Protanomaly

32.4918, 0.2813, 0.3164

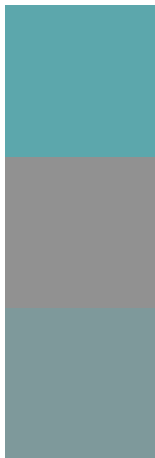
Deuteranomaly

32.3600, 0.2774, 0.3014

Tritanomaly

32.7342, 0.2481, 0.3125

Monochromacy



Original Color

32.8913, 0.2503, 0.3206

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.5846, 0.2852, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8913, 0.2503, 0.3206 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(92, 167, 172)` looks like.

```
.text, #text, p{  
    color:rgb(92, 167, 172)  
}
```

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(92, 167, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 167, 172) }
```

Border

The CSS property to change the border of an element to Yxy 32.8913, 0.2503, 0.3206 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(92, 167, 172) }
```

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

```
.border{ border-color:rgb(92, 167, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 167, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 167, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 167, 172);  
box-shadow:4px 4px 4px 4px rgb(92, 167,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8913, 0.2503, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 167, 172) }
```

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

```
.background{ background-color: rgb(92, 167,  
172) }
```

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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