

Converting Colors

$Yxy(32.4598, 0.2670, 0.3535)$

Have a look what the booklet for
Yxy(32.4598, 0.2670, 0.3535)
contains.

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Color

Yxy(32.5011, 0.2674, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	62A798
RGB	98, 167, 152
RGB Percent	38%, 65%, 60%
CMY	0.6157, 0.3451, 0.4039
CMYK	0.41, 0.00, 0.09, 0.35
HSL	167°, 28%, 52%
HSV	167°, 41%, 65%
XYZ	24.5226, 32.5011, 34.6837
YIQ	144.6590, -36.3090, -19.2930

Conversions

Conversions Part 2

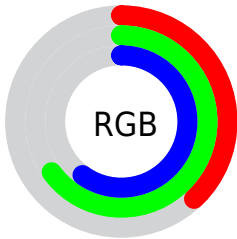
Format	Color
RYB	98, 137, 167
Decimal	6465432
CIELab	63.75, -25.46, 0.92
CIElCh	64, 25.481, 177.934
Yxy	32.5011, 0.2674, 0.3544
Android (android.graphics.Color)	4284655512 (0xFF62A798)
YUV	144.6590, 3.6191, -40.9199
Hunter-Lab	57.0097, -22.9858, 3.8358

Details

The Yxy color **32.5011, 0.2674, 0.3544** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1437, 0.3925, 0.3058**, and the grayscale version is **28.1663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3742, 0.2765, 0.3490**, and **13.7589, 0.2531, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **31.5511, 0.2592, 0.3617**, and if you desaturate by 10%, it is **33.6512, 0.2769, 0.3475**.

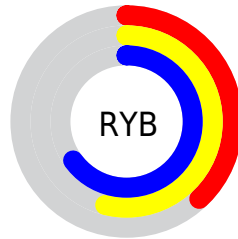
Distribution



Red (38%)

Green (65%)

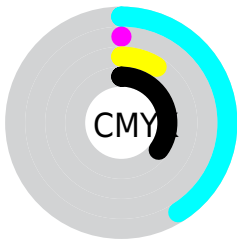
Blue (60%)



Red (38%)

Yellow (54%)

Blue (65%)

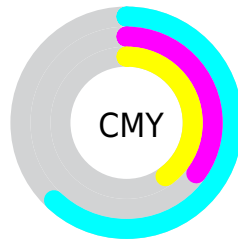


Cyan (41%)

Magenta (0%)

Yellow (9%)

Black (35%)



Cyan (62%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5011, 0.2674, 0.3544 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 32.5011, 0.2674, 0.3544 by changing the saturation by 10% instead.


 32.5011, 0.2674,
0.3544

 32.5011, 0.2674,
0.3544


313.3956, 0.2914,
0.3409

 21.7445, 0.2610,
0.3580


 63.5958, 0.2764,
0.3493

 13.6693, 0.2524,
0.3629


 84.7028, 0.2797,
0.3474

 7.8910, 0.2405,
0.3697


 110.0287, 0.2825,
0.3459

 4.0253, 0.2228,
0.3799

 139.9579, 0.2848,
0.3446

 1.6877, 0.1941,
0.3967

174.8748, 0.2868,
0.3435

 0.4157, 0.0000,
0.5170

215.1638, 0.2885,

 0.0000, 0.0000,

0.3425

0.0000

261.2092, 0.2900,
0.3417

■ 32.5011, 0.2674,
0.3544

■ 32.5011, 0.2674,
0.3544

■ 31.5511, 0.2592,
0.3617

■ 33.6512, 0.2769,
0.3475

■ 30.7851, 0.2527,
0.3693

■ 35.0085, 0.2876,
0.3410

■ 30.1908, 0.2479,
0.3771


■ 36.5847, 0.2991,
0.3351


■ 29.7528, 0.2451,
0.3850

■ 38.3895, 0.3111,
0.3297


■ 29.4529, 0.2441,
0.3929


■ 40.4317, 0.3234,
0.3248

 29.2689, 0.2444,
0.3997

 42.7200, 0.3359,
0.3204

 45.2625, 0.3482,
0.3166

 48.0668, 0.3604,
0.3132

 51.1405, 0.3722,
0.3102

Harmonies

Analogous

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



32.5011, 0.3032, 0.3875



32.5011, 0.2674, 0.3544



32.5011, 0.2444, 0.3151

Triad

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



32.5011, 0.2674, 0.3544



32.5011, 0.2794, 0.2653



32.5011, 0.3924, 0.3677

Complementary

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



32.5011, 0.2674, 0.3544



18.1437, 0.3925, 0.3058

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.



32.5011, 0.3859, 0.3357



32.5011, 0.2674, 0.3544



32.5011, 0.3184, 0.2790

Square

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



32.5011, 0.2674, 0.3544



32.5011, 0.2511, 0.2663



32.5011, 0.3581, 0.3041



32.5011, 0.3762, 0.3926

Rectangle

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



32.5011, 0.2674, 0.3544



32.5011, 0.2386, 0.2925



32.5011, 0.3581, 0.3041



32.5011, 0.3929, 0.3574

Sweetspot

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



32.5024, 0.2674, 0.3544



65.2474, 0.2980, 0.3356



32.1049, 0.3208, 0.4483



14.5191, 0.2966, 0.3363



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.5024, 0.2674, 0.3544



56.5668, 0.2595, 0.3614



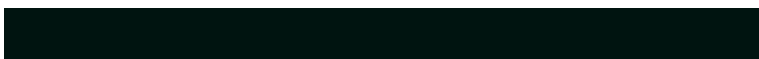
26.7563, 0.2522, 0.2973



8.5037, 0.3015, 0.3340



22.4031, 0.2442, 0.3989



0.5518, 0.2370, 0.3731

Inverse Universe

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



18.1437, 0.3925, 0.3058



27.1824, 0.4218, 0.3009



21.6812, 0.4034, 0.3580



7.5680, 0.3253, 0.3241



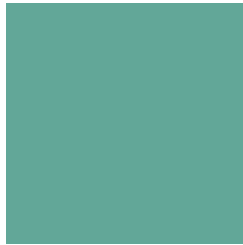
6.3918, 0.5988, 0.3072



0.1627, 0.5131, 0.2600

Previews

White Background



This preview shows how the Yxy color 32.5011, 0.2674, 0.3544 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 32.5011, 0.2674, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

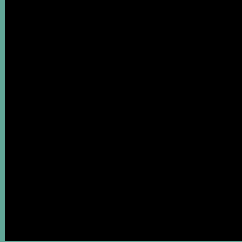
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5011, 0.2674, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 32.5011, 0.2674, 0.3544.

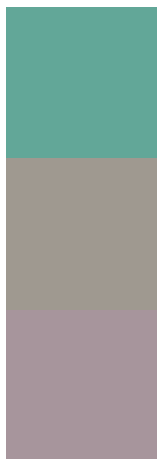


This preview shows how white text looks on a background with the Yxy color 32.5011, 0.2674, 0.3544.

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

32.5011, 0.2674, 0.3544

Protanopia

32.1670, 0.3273, 0.3427

Deuteranopia

32.1107, 0.3245, 0.3188



Tritanopia

32.3118, 0.2535, 0.3063

Trichromacy



Original Color

32.5011, 0.2674, 0.3544

Protanomaly

31.8787, 0.3023, 0.3466

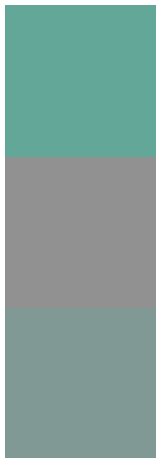
Deuteranomaly

31.8943, 0.3001, 0.3305

Tritanomaly

32.2029, 0.2584, 0.3223

Monochromacy



Original Color

32.5011, 0.2674, 0.3544

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.5098, 0.2930, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5011, 0.2674, 0.3544 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(98, 167, 152)` looks like.

```
.text, #text, p{  
  color:rgb(98, 167, 152)  
}
```

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(98, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 167, 152) }
```

Border

The CSS property to change the border of an element to Yxy 32.5011, 0.2674, 0.3544 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(98, 167, 152) }
```

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

```
.border{ border-color:rgb(98, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(98, 167,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5011, 0.2674, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 167, 152) }
```

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

```
.background{ background-color: rgb(98, 167,  
152) }
```

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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