

Converting Colors

$Yxy(43.6504, 0.2974, 0.3424)$

Have a look what the booklet for
Yxy(43.6504, 0.2974, 0.3424)
contains.

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Color

Yxy(43.4416, 0.2972, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	9BB6AD
RGB	155, 182, 173
RGB Percent	61%, 71%, 68%
CMY	0.3920, 0.2863, 0.3215
CMYK	0.15, 0.00, 0.05, 0.29
HSL	160°, 16%, 66%
HSV	160°, 15%, 71%
XYZ	37.7952, 43.4416, 45.9342
YIQ	172.9010, -13.2030, -8.5230

Conversions

Conversions Part 2

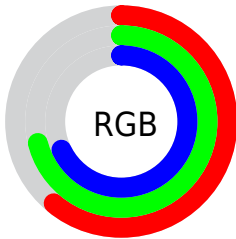
Format	Color
RYB	155, 171, 182
Decimal	10204845
CIELab	71.85, -11.00, 1.47
CIELCh	72, 11.098, 172.374
Yxy	43.4416, 0.2972, 0.3416
Android (android.graphics.Color)	4288394925 (0xFF9BB6AD)
YUV	172.9010, 0.0488, -15.6992
Hunter-Lab	65.9102, -12.9849, 4.8168

Details

The Yxy color $43.4416, 0.2972, 0.3416$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $36.0825, 0.3311, 0.3168$, and the grayscale version is $41.7457, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4521, 0.3005, 0.3398$, and $20.0240, 0.2928, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $41.5463, 0.2873, 0.3512$, and if you desaturate by 10%, it is $45.6227, 0.3076, 0.3329$.

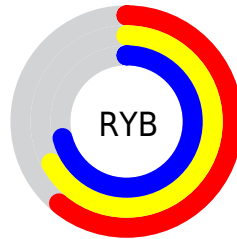
Distribution



Red (61%)

Green (71%)

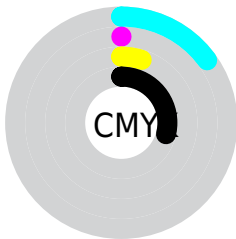
Blue (68%)



Red (61%)

Yellow (67%)

Blue (71%)

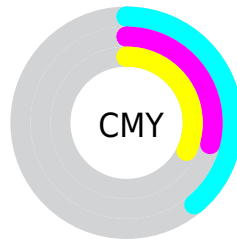


Cyan (15%)

Magenta (0%)

Yellow (5%)

Black (29%)



Cyan (39%)


Magenta (29%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4416, 0.2972, 0.3416 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 43.4416, 0.2972, 0.3416 by changing the saturation by 10% instead.


 43.4416, 0.2972,
0.3416


 43.4416, 0.2972,
0.3416


360.4247, 0.3051,
0.3352

 30.2318, 0.2952,
0.3432


 80.3768, 0.3001,
0.3392

 20.0146, 0.2926,
0.3454


 104.8710, 0.3012,
0.3384

 12.4056, 0.2891,
0.3483


133.8954, 0.3021,
0.3376

 7.0206, 0.2841,
0.3524

167.8344, 0.3028,
0.3370

 3.4750, 0.2765,
0.3587

207.0725, 0.3035,
0.3365

 1.3844, 0.2635,
0.3698

251.9939, 0.3041,

 0.2052, 0.0000,

0.3360

0.6301

302.9832, 0.3046,
0.3356

0.0000, 0.0000,
0.0000

43.4416, 0.2972,
0.3416

43.4416, 0.2972,
0.3416

41.5463, 0.2873,
0.3512

45.6227, 0.3076,
0.3329

39.9189, 0.2782,
0.3617

48.0954, 0.3183,
0.3250

38.5483, 0.2702,
0.3729

50.8726, 0.3290,
0.3180

37.4200, 0.2636,
0.3848

53.9644, 0.3397,
0.3118

36.5184, 0.2586,
0.3971

57.3807, 0.3501,
0.3064

■ 35.8257, 0.2555,
0.4098

■ 59.3361, 0.3525,
0.3008

■ 35.3218, 0.2543,
0.4225

■ 59.6430, 0.3474,
0.2948

■ 34.9818, 0.2551,
0.4351

■ 59.9615, 0.3423,
0.2888

■ 34.8421, 0.2560,
0.4416

■ 60.2916, 0.3374,
0.2829

Harmonies

Analogous

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



43.4416, 0.3125, 0.3527



43.4416, 0.2972, 0.3416



43.4416, 0.2862, 0.3270

Triad

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



43.4416, 0.2972, 0.3416



43.4416, 0.2970, 0.3023



43.4416, 0.3442, 0.3434

Complementary

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



43.4416, 0.2972, 0.3416



36.0825, 0.3311, 0.3168

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.



43.4416, 0.3399, 0.3300



43.4416, 0.2972, 0.3416



43.4416, 0.3124, 0.3068

Square

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



43.4416, 0.2972, 0.3416



43.4416, 0.2861, 0.3046



43.4416, 0.3281, 0.3168



43.4416, 0.3398, 0.3534

Rectangle

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



43.4416, 0.2972, 0.3416



43.4416, 0.2827, 0.3176



43.4416, 0.3281, 0.3168



43.4416, 0.3437, 0.3391

Sweetspot

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



43.4434, 0.2972, 0.3416



83.0342, 0.3084, 0.3323



43.7163, 0.3186, 0.3669



18.2693, 0.3076, 0.3329



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4434, 0.2972, 0.3416



77.5097, 0.2937, 0.3449



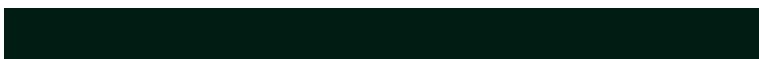
41.9926, 0.2904, 0.3227



10.1584, 0.3028, 0.3367



24.6200, 0.2556, 0.4401



0.8789, 0.2466, 0.4079

Inverse Universe

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



36.0825, 0.3311, 0.3168



61.4083, 0.3363, 0.3137



37.2929, 0.3389, 0.3353



9.0603, 0.3237, 0.3214



7.2695, 0.5608, 0.2863



0.2681, 0.4868, 0.2456

Previews

White Background



This preview shows how the Yxy color 43.4416, 0.2972, 0.3416 looks on a white background.

Color Contrast Check

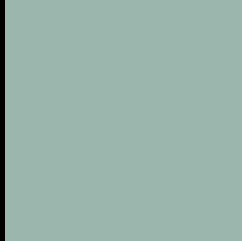
Large Text (above 18pt) WCAG AA × Fail

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 43.4416, 0.2972, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

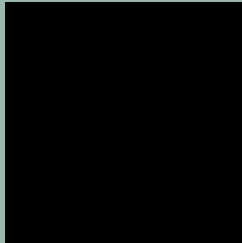
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4416, 0.2972, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 43.4416, 0.2972, 0.3416.



This preview shows how white text looks on a background with the Yxy color 43.4416, 0.2972, 0.3416.

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

43.4416, 0.2972, 0.3416

Protanopia

43.2278, 0.3221, 0.3371

Deuteranopia

43.1821, 0.3295, 0.3226



Tritanopia

43.4614, 0.2855, 0.3099

Trichromacy



Original Color

43.4416, 0.2972, 0.3416

Protanomaly

43.4010, 0.3131, 0.3399

Deuteranomaly

42.9118, 0.3172, 0.3290

Tritanomaly

43.4568, 0.2899, 0.3207

Monochromacy



Original Color

43.4416, 0.2972, 0.3416

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1748, 0.3064, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4416, 0.2972, 0.3416 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(155, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(155, 182, 173)  
}
```

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(155, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 182, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.4416, 0.2972, 0.3416 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(155, 182, 173) }
```

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

```
.border{ border-color:rgb(155, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(155, 182,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4416, 0.2972, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 182, 173) }
```

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

```
.background{ background-color: rgb(155,  
182, 173) }
```

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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