

Converting Colors

$Yxy(42.6961, 0.2984, 0.3418)$

Have a look what the booklet for
Yxy(42.6961, 0.2984, 0.3418)
contains.

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Color

Yxy(42.5514, 0.2987, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	9BB4AB
RGB	155, 180, 171
RGB Percent	61%, 71%, 67%
CMY	0.3920, 0.2941, 0.3294
CMYK	0.14, 0.00, 0.05, 0.29
HSL	158°, 14%, 66%
HSV	158°, 14%, 71%
XYZ	37.1967, 42.5514, 44.7805
YIQ	171.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

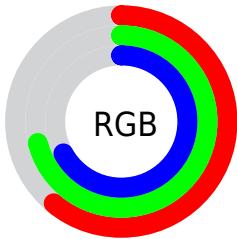
Format	Color
RYB	155, 170, 180
Decimal	10204331
CIELab	71.25, -10.35, 1.70
CIElCh	71, 10.485, 170.683
Yxy	42.5514, 0.2987, 0.3417
Android (android.graphics.Color)	4288394411 (0xFF9BB4AB)
YUV	171.4990, -0.2460, -14.4696
Hunter-Lab	65.2314, -12.3696, 4.9603

Details

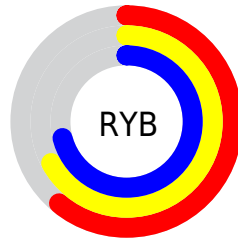
The Yxy color $42.5514, 0.2987, 0.3417$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $35.8442, 0.3291, 0.3167$, and the grayscale version is $40.9997, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1835, 0.3017, 0.3398$, and $19.4537, 0.2948, 0.3448$ is the 20% darker color. If you saturate the color by 10%, you get $40.6609, 0.2891, 0.3520$, and if you desaturate by 10%, it is $44.7231, 0.3088, 0.3324$.

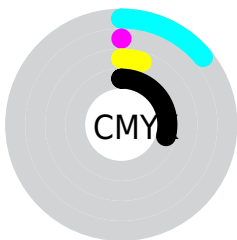
Distribution



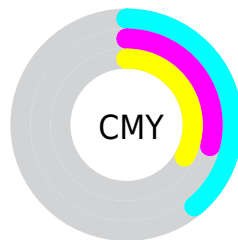
- Red (61%)
- Green (71%)
- Blue (67%)



- Red (61%)
- Yellow (67%)
- Blue (71%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)





- Cyan (39%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5514, 0.2987, 0.3417 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 42.5514, 0.2987, 0.3417 by changing the saturation by 10% instead.


 42.5514, 0.2987,
0.3417


 42.5514, 0.2987,
0.3417


356.7636, 0.3058,
0.3352

 29.5333, 0.2969,
0.3434


 79.0335, 0.3013,
0.3393

 19.4846, 0.2945,
0.3455


 103.2662, 0.3023,
0.3384

 12.0210, 0.2913,
0.3485


132.0060, 0.3031,
0.3377

 6.7580, 0.2867,
0.3527

165.6371, 0.3038,
0.3370

 3.3112, 0.2797,
0.3593

204.5441, 0.3044,
0.3365

 1.2963, 0.2674,
0.3709

249.1112, 0.3050,

 0.1383, 0.0000,

0.3360

0.8124

299.7229, 0.3054,
0.3356

0.0000, 0.0000,
0.0000

42.5514, 0.2987,
0.3417

42.5514, 0.2987,
0.3417

40.6609, 0.2891,
0.3520

44.7231, 0.3088,
0.3324

39.0343, 0.2802,
0.3633

47.1819, 0.3191,
0.3240

37.6608, 0.2724,
0.3754

49.9399, 0.3294,
0.3165

36.5264, 0.2658,
0.3883

53.0072, 0.3396,
0.3099

35.6160, 0.2609,
0.4017

56.3933, 0.3495,
0.3041

■ 34.9126, 0.2578,
0.4155

■ 58.5491, 0.3524,
0.2982

■ 34.3967, 0.2567,
0.4293

■ 58.8790, 0.3469,
0.2917

■ 34.0448, 0.2576,
0.4430

■ 59.2222, 0.3415,
0.2854

■ 33.8793, 0.2587,
0.4513

■ 59.5788, 0.3361,
0.2791

Harmonies

Analogous

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



42.5514, 0.3134, 0.3520



42.5514, 0.2987, 0.3417



42.5514, 0.2879, 0.3279

Triad

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



42.5514, 0.2987, 0.3417



42.5514, 0.2971, 0.3035



42.5514, 0.3426, 0.3420

Complementary

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



42.5514, 0.2987, 0.3417



35.8442, 0.3291, 0.3167

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.



42.5514, 0.3381, 0.3293



42.5514, 0.2987, 0.3417



42.5514, 0.3115, 0.3074

Square

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



42.5514, 0.2987, 0.3417



42.5514, 0.2870, 0.3061



42.5514, 0.3266, 0.3167



42.5514, 0.3389, 0.3518

Rectangle

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



42.5514, 0.2987, 0.3417



42.5514, 0.2843, 0.3189



42.5514, 0.3266, 0.3167



42.5514, 0.3420, 0.3379

Sweetspot

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



42.5532, 0.2987, 0.3417



81.0119, 0.3085, 0.3325



42.9209, 0.3190, 0.3642



17.4425, 0.3078, 0.3332



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.5532, 0.2987, 0.3417



75.9315, 0.2953, 0.3451



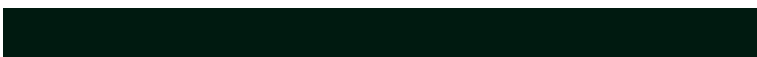
41.5813, 0.2918, 0.3243



9.5785, 0.3032, 0.3373



23.6613, 0.2583, 0.4497



0.7552, 0.2477, 0.4119

Inverse Universe

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



35.8442, 0.3291, 0.3167



61.1063, 0.3339, 0.3134



36.6532, 0.3371, 0.3337



8.5542, 0.3232, 0.3208



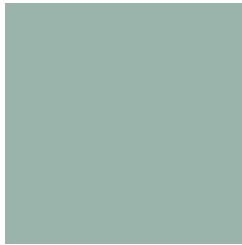
7.0497, 0.5500, 0.2803



0.2332, 0.4724, 0.2376

Previews

White Background



This preview shows how the Yxy color 42.5514, 0.2987, 0.3417 looks on a white background.

Color Contrast Check

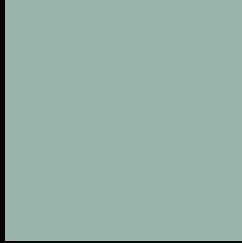
Large Text (above 18pt) WCAG AA × Fail

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 42.5514, 0.2987, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

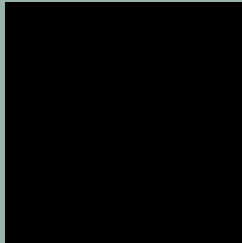
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

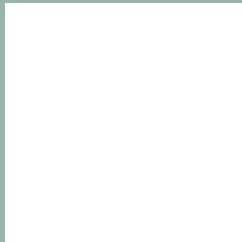
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5514, 0.2987, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 42.5514, 0.2987, 0.3417.



This preview shows how white text looks on a background with the Yxy color 42.5514, 0.2987, 0.3417.

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

42.5514, 0.2987, 0.3417

Protanopia

42.2609, 0.3232, 0.3371

Deuteranopia

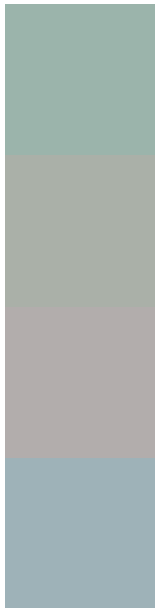
42.4694, 0.3295, 0.3238



Tritanopia

42.5768, 0.2869, 0.3098

Trichromacy



Original Color

42.5514, 0.2987, 0.3417

Protanomaly

42.4239, 0.3140, 0.3400

Deuteranomaly

42.3307, 0.3180, 0.3304

Tritanomaly

42.5706, 0.2913, 0.3206

Monochromacy



Original Color

42.5514, 0.2987, 0.3417

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7455, 0.3073, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5514, 0.2987, 0.3417 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, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(155, 180, 171)  
}
```

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, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 180, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.5514, 0.2987, 0.3417 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, 180, 171) }
```

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

```
.border{ border-color:rgb(155, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 180, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 180, 171);  
box-shadow:4px 4px 4px 4px rgb(155, 180,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5514, 0.2987, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 180, 171) }
```

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

```
.background{ background-color: rgb(155,  
180, 171) }
```

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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