

Converting Colors

$Yxy(42.2335, 0.3155, 0.4140)$

Have a look what the booklet for
Yxy(42.2335, 0.3155, 0.4140)
contains.

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Color

Yxy(42.2185, 0.3160, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	8BBA82
RGB	139, 186, 130
RGB Percent	55%, 73%, 51%
CMY	0.4547, 0.2706, 0.4902
CMYK	0.25, 0.00, 0.30, 0.27
HSL	110°, 29%, 62%
HSV	110°, 30%, 73%
XYZ	32.2403, 42.2185, 27.5675
YIQ	165.5630, -10.0360, -27.3800

Conversions

Conversions Part 2

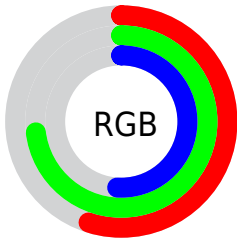
Format	Color
RYB	130, 186, 177
Decimal	9157250
CIELab	71.02, -26.39, 23.51
CIElCh	71, 35.343, 138.299
Yxy	42.2185, 0.3160, 0.4138
Android (android.graphics.Color)	4287347330 (0xFF8BBA82)
YUV	165.5630, -17.5326, -23.2958
Hunter-Lab	64.9758, -25.1377, 20.3278

Details

The Yxy color $42.2185, 0.3160, 0.4138$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $28.8515, 0.3067, 0.2531$, and the grayscale version is $38.0054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2606, 0.3159, 0.3969$, and $19.3805, 0.3146, 0.4430$ is the 20% darker color. If you saturate the color by 10%, you get $40.5165, 0.3164, 0.4469$, and if you desaturate by 10%, it is $44.2060, 0.3152, 0.3828$.

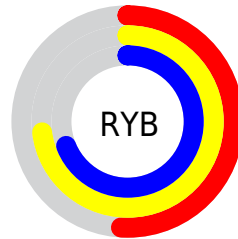
Distribution



Red (55%)

Green (73%)

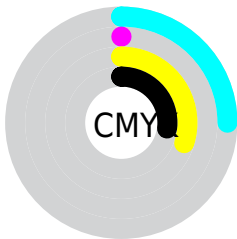
Blue (51%)



Red (51%)

Yellow (73%)

Blue (69%)

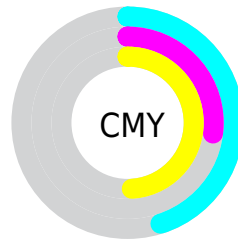


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2185, 0.3160, 0.4138 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 42.2185, 0.3160, 0.4138 by changing the saturation by 10% instead.

 42.2185, 0.3160,
0.4138

 42.2185, 0.3160,
0.4138

355.3879, 0.3154,
0.3688

 29.2724, 0.3157,
0.4259

 78.5302, 0.3161,
0.3968

 19.2870, 0.3151,
0.4418


 102.6646, 0.3160,
0.3907

 11.8778, 0.3136,
0.4639


 131.2973, 0.3159,
0.3855

 6.6605, 0.3104,
0.4962

164.8126, 0.3158,
0.3811

 3.2507, 0.3026,
0.5475

203.5949, 0.3157,
0.3774

 1.2640, 0.2897,
0.7103

248.0286, 0.3156,

 0.1131, 0.0000,

0.3742

1.0000

298.4982, 0.3155,
0.3713

■ 0.0000, 0.0000,
0.0000

■ 42.2185, 0.3160,
0.4138

■ 42.2185, 0.3160,
0.4138

■ 40.5165, 0.3164,
0.4469

■ 44.2060, 0.3152,
0.3828

■ 39.0816, 0.3161,
0.4809

■ 46.4856, 0.3141,
0.3545

■ 37.9016, 0.3151,
0.5139

■ 49.0705, 0.3127,
0.3293

■ 36.9613, 0.3134,
0.5439

■ 51.9715, 0.3113,
0.3070


■ 36.2438, 0.3108,
0.5684

■ 55.1988, 0.3098,
0.2875

 35.7296, 0.3078,
0.5857

 58.7622, 0.3084,
0.2705

 35.3927, 0.3048,
0.5962

 62.3319, 0.3107,
0.2603

 63.5962, 0.3159,
0.2614

Harmonies

Analogous

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



42.2185, 0.3652, 0.4205



42.2185, 0.3160, 0.4138



42.2185, 0.2682, 0.3772

Triad

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



42.2185, 0.3160, 0.4138



42.2185, 0.2285, 0.2547



42.2185, 0.3973, 0.3232

Complementary

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



42.2185, 0.3160, 0.4138



28.8515, 0.3067, 0.2531

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.



42.2185, 0.3548, 0.2864



42.2185, 0.3160, 0.4138



42.2185, 0.2573, 0.2480

Square

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



42.2185, 0.3160, 0.4138



42.2185, 0.2203, 0.2815



42.2185, 0.3027, 0.2597



42.2185, 0.4148, 0.3636

Rectangle

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



42.2185, 0.3160, 0.4138



42.2185, 0.2433, 0.3434



42.2185, 0.3027, 0.2597



42.2185, 0.3853, 0.3102

Sweetspot

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



42.2203, 0.3160, 0.4138



84.6864, 0.3139, 0.3520



43.3617, 0.3608, 0.3918



18.5069, 0.3141, 0.3559



95.5105, 0.3127, 0.3290



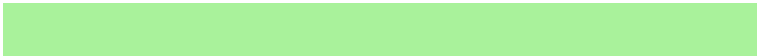
19.5994, 0.3127, 0.3290

Same Dimension

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



42.2203, 0.3160, 0.4138



74.4696, 0.3163, 0.4351



42.0211, 0.2954, 0.3859



10.1279, 0.3140, 0.3524



23.8343, 0.3054, 0.5957



0.8621, 0.3204, 0.5838

Inverse Universe

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



28.8515, 0.3067, 0.2531



46.4033, 0.3049, 0.2365



29.2056, 0.3358, 0.2783



9.0874, 0.3113, 0.3063



7.1652, 0.2809, 0.1321



0.2724, 0.2919, 0.1382

Previews

White Background



This preview shows how the Yxy color 42.2185, 0.3160, 0.4138 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 42.2185, 0.3160, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

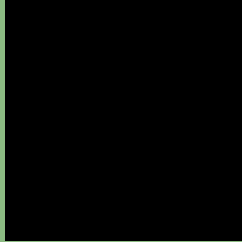
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2185, 0.3160, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 42.2185, 0.3160, 0.4138.



This preview shows how white text looks on a background with the Yxy color 42.2185, 0.3160, 0.4138.

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

42.2185, 0.3160, 0.4138

Protanopia

41.9072, 0.3684, 0.3951

Deuteranopia

41.6902, 0.3780, 0.3702



Tritanopia

42.1306, 0.2792, 0.3095

Trichromacy



Original Color

42.2185, 0.3160, 0.4138

Protanomaly

41.8932, 0.3485, 0.4025

Deuteranomaly

41.2839, 0.3537, 0.3843

Tritanomaly

42.0233, 0.2929, 0.3463

Monochromacy



Original Color

42.2185, 0.3160, 0.4138

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.2550, 0.3140, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2185, 0.3160, 0.4138 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(139, 186, 130)` looks like.

```
.text, #text, p{  
    color:rgb(139, 186, 130)  
}
```

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(139, 186, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 186, 130) }
```

Border

The CSS property to change the border of an element to Yxy 42.2185, 0.3160, 0.4138 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(139, 186, 130) }
```

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

```
.border{ border-color:rgb(139, 186, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 186, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 186, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 186, 130); box-shadow:4px 4px 4px 4px rgb(139, 186, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2185, 0.3160, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 186, 130) }
```

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

```
.background{ background-color: rgb(139,  
186, 130) }
```

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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