

Converting Colors

Yxy(67.4397, 0.2951, 0.4025)

Have a look what the booklet for
Yxy(67.4397, 0.2951, 0.4025)
contains.

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Color

Yxy(67.4446, 0.2955, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	98E8AE
RGB	152, 232, 174
RGB Percent	60%, 91%, 68%
CMY	0.4037, 0.0902, 0.3176
CMYK	0.34, 0.00, 0.25, 0.09
HSL	136°, 63%, 75%
HSV	136°, 34%, 91%
XYZ	49.4538, 67.4446, 50.4579
YIQ	201.4680, -29.0620, -34.9980

Conversions

Conversions Part 2

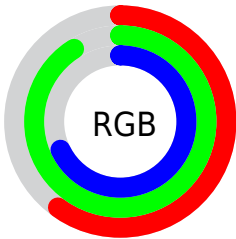
Format	Color
RYB	152, 215, 232
Decimal	10021038
CIELab	85.73, -36.33, 20.62
CIELCh	86, 41.776, 150.418
Yxy	67.4446, 0.2955, 0.4030
Android (android.graphics.Color)	4288211118 (0xFF98E8AE)
YUV	201.4680, -13.5417, -43.3834
Hunter-Lab	82.1247, -36.2291, 21.0591

Details

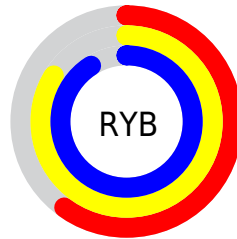
The Yxy color **67.4446, 0.2955, 0.4030** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **44.2861, 0.3362, 0.2651**, and the grayscale version is **58.8227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6431, 0.2982, 0.3554**, and **35.0278, 0.2906, 0.4239** is the 20% darker color. If you saturate the color by 10%, you get **64.8066, 0.2914, 0.4293**, and if you desaturate by 10%, it is **70.6084, 0.3002, 0.3787**.

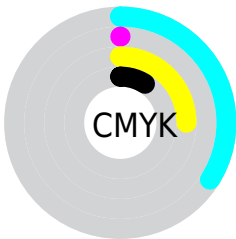
Distribution



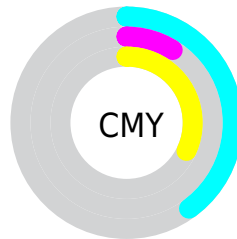
- Red (60%)
- Green (91%)
- Blue (68%)



- Red (60%)
- Yellow (84%)
- Blue (91%)



- Cyan (34%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)





- Cyan (40%)
- Magenta (9%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4446, 0.2955, 0.4030 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 67.4446, 0.2955, 0.4030 by changing the saturation by 10% instead.

 67.4446, 0.2955,
0.4030

 67.4446, 0.2955,
0.4030


451.5257, 0.3044,
0.3666

 49.4460, 0.2932,
0.4119


 115.5572, 0.2988,
0.3899

 34.9734, 0.2902,
0.4232


 146.4401, 0.3000,
0.3849

 23.6424, 0.2861,
0.4380


182.3865, 0.3011,
0.3807

 15.0686, 0.2804,
0.4582

223.7809, 0.3019,
0.3771

 8.8675, 0.2716,
0.4873

271.0076, 0.3027,
0.3740

 4.6549, 0.2572,
0.5324

324.4510, 0.3034,

 2.0462, 0.2350,

0.3712

0.6261

384.4956, 0.3039,
0.3687

0.6341, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.4446, 0.2955,
0.4030

67.4446, 0.2955,
0.4030

64.8066, 0.2914,
0.4293

70.6084, 0.3002,
0.3787

62.6571, 0.2882,
0.4569

74.3158, 0.3053,
0.3566

60.9677, 0.2862,
0.4849

78.5944, 0.3104,
0.3370

59.7028, 0.2857,
0.5120

83.4672, 0.3155,
0.3197

■ 58.8220, 0.2868,
0.5368

■ 86.1901, 0.3138,
0.3068

■ 58.2760, 0.2893,
0.5579

■ 58.0768, 0.2910,
0.5677

Harmonies

Analogous

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



67.4446, 0.3464, 0.4227



67.4446, 0.2955, 0.4030



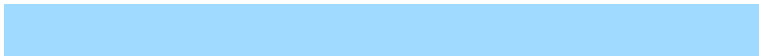
67.4446, 0.2515, 0.3573

Triad

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



67.4446, 0.2955, 0.4030



67.4446, 0.2370, 0.2488



67.4446, 0.4090, 0.3396

Complementary

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



67.4446, 0.2955, 0.4030



44.2861, 0.3362, 0.2651

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.



67.4446, 0.3748, 0.3001



67.4446, 0.2955, 0.4030



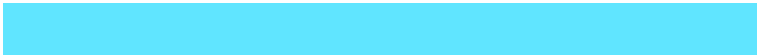
67.4446, 0.2736, 0.2499

Square

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



67.4446, 0.2955, 0.4030



67.4446, 0.2201, 0.2675



67.4446, 0.3238, 0.2683



67.4446, 0.4142, 0.3797

Rectangle

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



67.4446, 0.2955, 0.4030



67.4446, 0.2315, 0.3224



67.4446, 0.3238, 0.2683



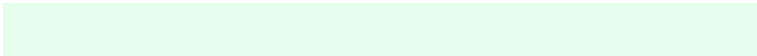
67.4446, 0.4004, 0.3260

Sweetspot

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



67.4474, 0.2955, 0.4030



94.3457, 0.3075, 0.3477



73.7804, 0.3486, 0.4196



20.0364, 0.3068, 0.3505



0.0000, 0.0000, 0.0000



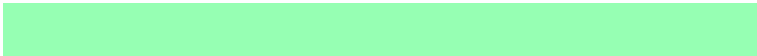
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4474, 0.2955, 0.4030



81.3077, 0.2926, 0.4206



69.2127, 0.2738, 0.3517



16.1539, 0.3078, 0.3465



32.2619, 0.2903, 0.5650



2.3994, 0.2823, 0.5362

Inverse Universe

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



44.2861, 0.3362, 0.2651



48.7238, 0.3423, 0.2527



42.5599, 0.3749, 0.3078



14.5442, 0.3180, 0.3121



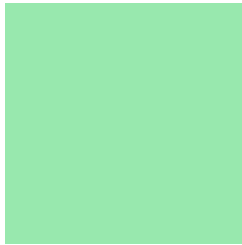
11.1223, 0.4049, 0.2004



0.8374, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 67.4446, 0.2955, 0.4030 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 67.4446, 0.2955, 0.4030 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 67.4446, 0.2955, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 67.4446, 0.2955, 0.4030.

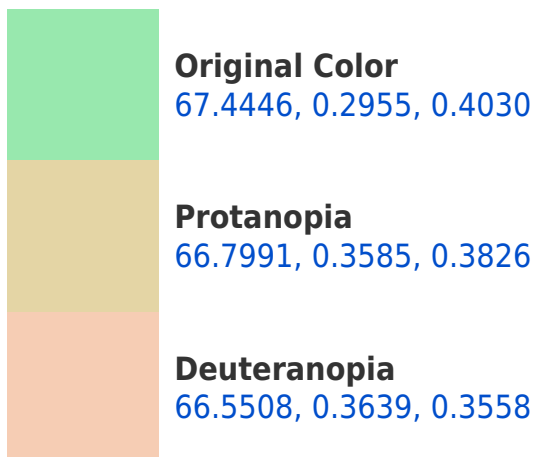


This preview shows how white text looks on a background with the Yxy color 67.4446, 0.2955, 0.4030.

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





Tritanopia

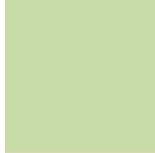
67.2332, 0.2656, 0.3079

Trichromacy



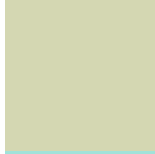
Original Color

67.4446, 0.2955, 0.4030



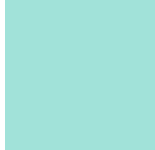
Protanomaly

66.2929, 0.3329, 0.3908



Deuteranomaly

65.8123, 0.3361, 0.3718



Tritanomaly

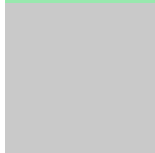
66.9795, 0.2761, 0.3398

Monochromacy



Original Color

67.4446, 0.2955, 0.4030



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

60.9158, 0.3057, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4446, 0.2955, 0.4030 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(152, 232, 174)` looks like.

```
.text, #text, p{  
    color:rgb(152, 232, 174)  
}
```

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(152, 232, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 232, 174) }
```

Border

The CSS property to change the border of an element to Yxy 67.4446, 0.2955, 0.4030 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(152, 232, 174) }
```

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

```
.border{ border-color:rgb(152, 232, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 232, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 232, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 232, 174);  
box-shadow:4px 4px 4px 4px rgb(152, 232,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4446, 0.2955, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 232, 174) }
```

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

```
.background{ background-color: rgb(152,  
232, 174) }
```

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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