

Converting Colors

$Yxy(66.5947, 0.2974, 0.3646)$

Have a look what the booklet for
Yxy(66.5947, 0.2974, 0.3646)
contains.

Yxy(66.3654, 0.2975, 0.3644)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.3654, 0.2975, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	AFE0C3
RGB	175, 224, 195
RGB Percent	69%, 88%, 76%
CMY	0.3138, 0.1215, 0.2353
CMYK	0.22, 0.00, 0.13, 0.12
HSL	144°, 44%, 78%
HSV	144°, 22%, 88%
XYZ	54.1814, 66.3654, 61.5756
YIQ	206.0430, -19.8950, -19.4070

Conversions

Conversions Part 2

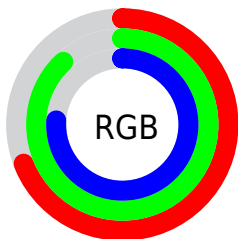
Format	Color
RYB	175, 210, 224
Decimal	11526339
CIELab	85.18, -21.55, 9.06
CIELCh	85, 23.380, 157.197
Yxy	66.3654, 0.2975, 0.3644
Android (android.graphics.Color)	4289716419 (0xFFAFE0C3)
YUV	206.0430, -5.4442, -27.2247
Hunter-Lab	81.4650, -23.8454, 12.2109

Details

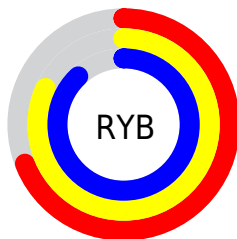
The Yxy color **66.3654, 0.2975, 0.3644** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.8635, 0.3316, 0.2961**, and the grayscale version is **61.7947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5372, 0.2998, 0.3319**, and **34.4366, 0.2941, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **63.4143, 0.2911, 0.3835**, and if you desaturate by 10%, it is **69.8052, 0.3043, 0.3471**.

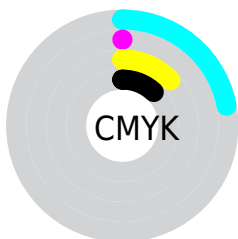
Distribution



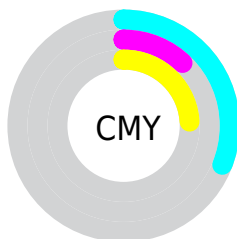
- Red (69%)
- Green (88%)
- Blue (76%)



- Red (69%)
- Yellow (82%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (31%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3654, 0.2975, 0.3644 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 66.3654, 0.2975, 0.3644 by changing the saturation by 10% instead.

 66.3654, 0.2975,
0.3644

 66.3654, 0.2975,
0.3644


447.6825, 0.3049,
0.3473

 48.5691, 0.2957,
0.3685

 114.0106, 0.3001,
0.3583

 34.2778, 0.2935,
0.3737


144.6283, 0.3011,
0.3560

 23.1071, 0.2906,
0.3804


180.2886, 0.3020,
0.3540

 14.6726, 0.2866,
0.3895

221.3759, 0.3027,
0.3523

 8.5899, 0.2810,
0.4024

268.2745, 0.3034,
0.3508

 4.4747, 0.2723,
0.4224

321.3689, 0.3039,


 1.9425, 0.2571,


0.3495

0.4569


381.0434, 0.3044,
0.3483


 0.5737, 0.0324,
0.9676


 0.0000, 0.0000,
0.0000

 66.3654, 0.2975,
0.3644


 66.3654, 0.2975,
0.3644


 63.4143, 0.2911,
0.3835


 69.8052, 0.3043,
0.3471


 60.9212, 0.2854,
0.4043

 73.7466, 0.3114,
0.3317

 58.8642, 0.2807,
0.4264

 78.2119, 0.3184,
0.3181

 57.2167, 0.2775,
0.4495

 81.3556, 0.3187,
0.3055

■ 55.9489, 0.2759,
0.4728

■ 81.7962, 0.3141,
0.2990

■ 55.0265, 0.2762,
0.4955

■ 54.4090, 0.2784,
0.5167

■ 54.0784, 0.2812,
0.5325

Harmonies

Analogous

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



66.3654, 0.3265, 0.3792



66.3654, 0.2975, 0.3644



66.3654, 0.2733, 0.3388

Triad

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



66.3654, 0.2975, 0.3644



66.3654, 0.2729, 0.2814



66.3654, 0.3687, 0.3422

Complementary

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



66.3654, 0.2975, 0.3644



50.8635, 0.3316, 0.2961

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.



66.3654, 0.3530, 0.3179



66.3654, 0.2975, 0.3644



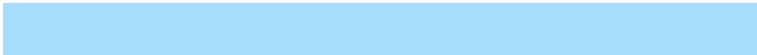
66.3654, 0.2970, 0.2839

Square

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



66.3654, 0.2975, 0.3644



66.3654, 0.2597, 0.2910



66.3654, 0.3263, 0.2971



66.3654, 0.3684, 0.3644

Rectangle

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



66.3654, 0.2975, 0.3644



66.3654, 0.2629, 0.3203



66.3654, 0.3263, 0.2971



66.3654, 0.3651, 0.3340

Sweetspot

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



66.3682, 0.2975, 0.3644



96.1083, 0.3077, 0.3394



69.3048, 0.3309, 0.3861



20.5028, 0.3073, 0.3404



0.0000, 0.0000, 0.0000



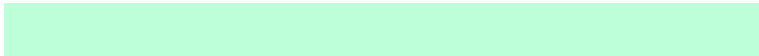
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3682, 0.2975, 0.3644



87.2454, 0.2947, 0.3724



67.5487, 0.2831, 0.3347



15.4295, 0.3061, 0.3432



31.4962, 0.2805, 0.5296



2.2006, 0.2719, 0.4987

Inverse Universe

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



50.8635, 0.3316, 0.2961



63.1249, 0.3363, 0.2893



49.7943, 0.3527, 0.3234



13.8360, 0.3200, 0.3152



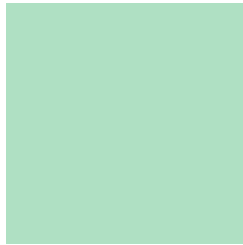
10.2271, 0.4567, 0.2290



0.7265, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 66.3654, 0.2975, 0.3644 looks on a white background.

Color Contrast Check

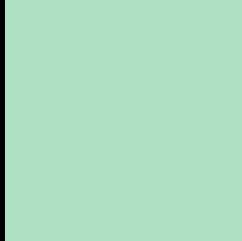
Large Text (above 18pt) WCAG AA × Fail

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 66.3654, 0.2975, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

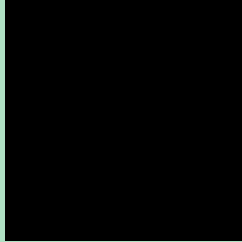
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

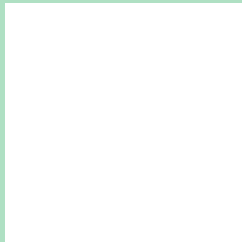
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3654, 0.2975, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 66.3654, 0.2975, 0.3644.

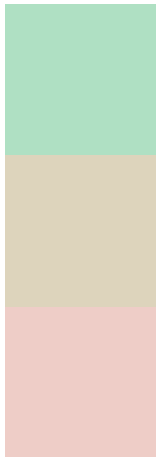


This preview shows how white text looks on a background with the Yxy color 66.3654, 0.2975, 0.3644.

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

66.3654, 0.2975, 0.3644

Protanopia

66.0900, 0.3365, 0.3561

Deuteranopia

65.9633, 0.3429, 0.3356



Tritanopia

66.2662, 0.2779, 0.3082

Trichromacy



Original Color

66.3654, 0.2975, 0.3644

Protanomaly

65.7107, 0.3209, 0.3582

Deuteranomaly

65.6113, 0.3247, 0.3449

Tritanomaly

66.1102, 0.2849, 0.3277

Monochromacy



Original Color

66.3654, 0.2975, 0.3644

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.4549, 0.3070, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3654, 0.2975, 0.3644 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(175, 224, 195)` looks like.

```
.text, #text, p{  
    color:rgb(175, 224, 195)  
}
```

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(175, 224, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 224, 195) }
```

Border

The CSS property to change the border of an element to Yxy 66.3654, 0.2975, 0.3644 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(175, 224, 195) }
```

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

```
.border{ border-color:rgb(175, 224, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 224, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 224, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 224, 195);  
box-shadow:4px 4px 4px 4px rgb(175, 224,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3654, 0.2975, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 224, 195) }
```

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

```
.background{ background-color: rgb(175,  
224, 195) }
```

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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