

Converting Colors

$Yxy(69.4563, 0.3132, 0.3764)$

Have a look what the booklet for
Yxy(69.4563, 0.3132, 0.3764)
contains.

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Color

Yxy(69.6024, 0.3132, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	BF E3 BB
RGB	191, 227, 187
RGB Percent	75%, 89%, 73%
CMY	0.2512, 0.1097, 0.2666
CMYK	0.16, 0.00, 0.18, 0.11
HSL	114°, 42%, 81%
HSV	114°, 18%, 89%
XYZ	57.9157, 69.6024, 57.3979
YIQ	211.6760, -8.6160, -20.0720

Conversions

Conversions Part 2

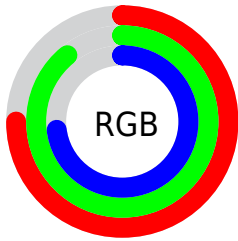
Format	Color
RYB	187, 227, 223
Decimal	12575675
CIELab	86.80, -19.22, 15.68
CIELCh	87, 24.803, 140.786
Yxy	69.6024, 0.3132, 0.3764
Android (android.graphics.Color)	4290765755 (0xFFBFE3BB)
YUV	211.6760, -12.1653, -18.1329
Hunter-Lab	83.4281, -22.0845, 17.6085

Details

The Yxy color **69.6024, 0.3132, 0.3764** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.7891, 0.3116, 0.2850**, and the grayscale version is **65.6949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9475, 0.3153, 0.3407**, and **36.5446, 0.3125, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **66.2392, 0.3132, 0.4076**, and if you desaturate by 10%, it is **73.4959, 0.3130, 0.3483**.

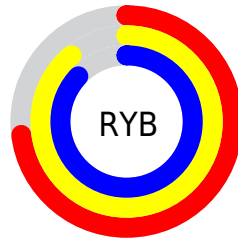
Distribution



Red (75%)

Green (89%)

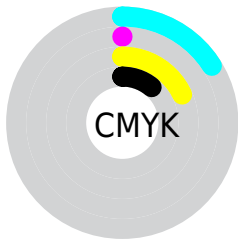
Blue (73%)



Red (73%)

Yellow (89%)

Blue (87%)

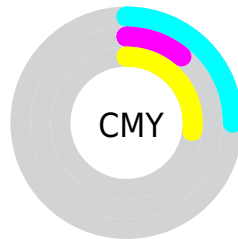


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (25%)


Magenta (11%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6024, 0.3132, 0.3764 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 69.6024, 0.3132, 0.3764 by changing the saturation by 10% instead.


 69.6024, 0.3132,
0.3764

 69.6024, 0.3132,
0.3764


459.1527, 0.3133,
0.3536

 51.2025, 0.3131,
0.3818


 118.6416, 0.3133,
0.3683

 36.3698, 0.3129,
0.3886


150.0496, 0.3133,
0.3652

 24.7199, 0.3125,
0.3975


186.5624, 0.3133,
0.3626

 15.8685, 0.3119,
0.4093

228.5645, 0.3133,
0.3603

 9.4311, 0.3108,
0.4261

276.4402, 0.3133,
0.3583

 5.0235, 0.3085,
0.4514


330.5738, 0.3133,

 2.2610, 0.3030,


0.3566


0.4941


391.3499, 0.3133,
0.3550

 0.7530, 0.2467,
0.7533

 0.0000, 0.0000,
0.0000


 69.6024, 0.3132,
0.3764


 69.6024, 0.3132,
0.3764


 66.2392, 0.3132,
0.4076


 73.4959, 0.3130,
0.3483


 63.3748, 0.3128,
0.4414

 77.9318, 0.3126,
0.3234

 60.9881, 0.3120,
0.4764

 82.9261, 0.3122,
0.3018

 59.0530, 0.3107,
0.5109

 83.4271, 0.3140,
0.3019

■ 57.5408, 0.3090,
0.5424

■ 56.4197, 0.3069,
0.5683

■ 55.6529, 0.3045,
0.5866

■ 55.1954, 0.3023,
0.5968

■ 55.1222, 0.3020,
0.5984

Harmonies

Analogous

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



69.6024, 0.3429, 0.3832



69.6024, 0.3132, 0.3764



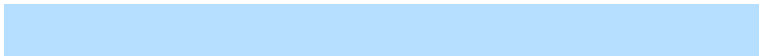
69.6024, 0.2843, 0.3548

Triad

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



69.6024, 0.3132, 0.3764



69.6024, 0.2621, 0.2833



69.6024, 0.3641, 0.3287

Complementary

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



69.6024, 0.3132, 0.3764



56.7891, 0.3116, 0.2850

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.



69.6024, 0.3405, 0.3048



69.6024, 0.3132, 0.3764



69.6024, 0.2814, 0.2791

Square

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



69.6024, 0.3132, 0.3764



69.6024, 0.2557, 0.2998



69.6024, 0.3099, 0.2871



69.6024, 0.3732, 0.3538

Rectangle

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



69.6024, 0.3132, 0.3764



69.6024, 0.2693, 0.3357



69.6024, 0.3099, 0.2871



69.6024, 0.3575, 0.3204

Sweetspot

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



69.6054, 0.3132, 0.3764



97.0910, 0.3129, 0.3415



72.7052, 0.3399, 0.3686



20.6971, 0.3129, 0.3433



0.0000, 0.0000, 0.0000



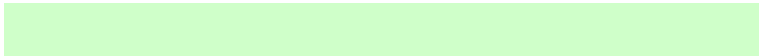
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6054, 0.3132, 0.3764



88.9850, 0.3132, 0.3870



69.8249, 0.3006, 0.3572



16.1568, 0.3130, 0.3532



32.1650, 0.3024, 0.5981



2.4001, 0.3083, 0.5934

Inverse Universe

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



56.7891, 0.3116, 0.2850



69.4754, 0.3113, 0.2760



56.5804, 0.3271, 0.3024



14.5392, 0.3122, 0.3057



10.8006, 0.2963, 0.1406



0.8192, 0.3001, 0.1427

Previews

White Background



This preview shows how the Yxy color 69.6024, 0.3132, 0.3764 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 69.6024, 0.3132, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

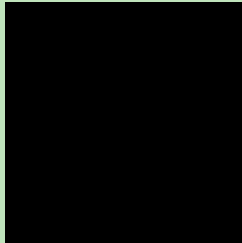
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

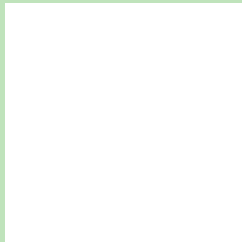
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6024, 0.3132, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 69.6024, 0.3132, 0.3764.

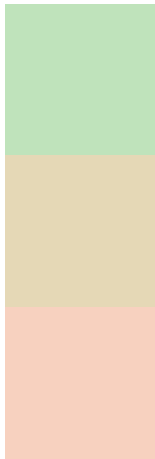


This preview shows how white text looks on a background with the Yxy color 69.6024, 0.3132, 0.3764.

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

69.6024, 0.3132, 0.3764

Protanopia

69.1471, 0.3463, 0.3666

Deuteranopia

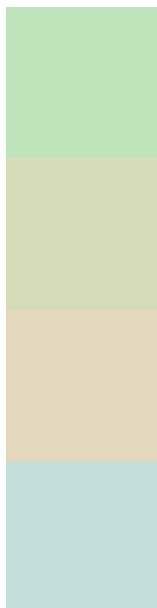
69.1367, 0.3553, 0.3481



Tritanopia

69.5016, 0.2870, 0.3089

Trichromacy



Original Color

69.6024, 0.3132, 0.3764

Protanomaly

69.0942, 0.3334, 0.3700

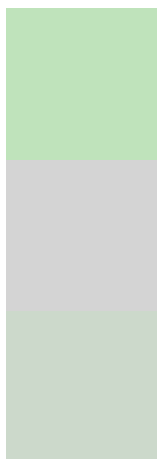
Deuteranomaly

69.1603, 0.3390, 0.3578

Tritanomaly

69.6256, 0.2967, 0.3335

Monochromacy



Original Color

69.6024, 0.3132, 0.3764

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7749, 0.3127, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6024, 0.3132, 0.3764 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(191, 227, 187)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 187)  
}
```

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(191, 227, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 187) }
```

Border

The CSS property to change the border of an element to Yxy 69.6024, 0.3132, 0.3764 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(191, 227, 187) }
```

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

```
.border{ border-color:rgb(191, 227, 187) }
```

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

Here you see how a box with a 4 pixel rgb(191, 227, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 187);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6024, 0.3132, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 187) }
```

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

```
.background{ background-color: rgb(191,  
227, 187) }
```

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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