

Converting Colors

Yxy(67.5764, 0.3141, 0.3462)

Have a look what the booklet for
Yxy(67.5764, 0.3141, 0.3462)
contains.

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Color

Yxy(67.5764, 0.3141, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	CEDACB
RGB	206, 218, 203
RGB Percent	81%, 85%, 80%
CMY	0.1920, 0.1451, 0.2039
CMYK	0.05, 0.00, 0.07, 0.15
HSL	108°, 17%, 83%
HSV	108°, 7%, 85%
XYZ	61.3107, 67.5764, 66.3076
YIQ	212.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

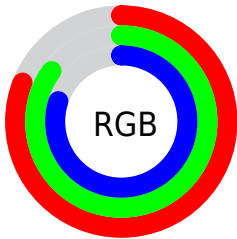
Format	Color
R_{YB}	203, 218, 215
Decimal	13556427
CIE Lab	85.79, -6.75, 5.98
CIE LCh	86, 9.020, 138.444
Yxy	67.5764, 0.3141, 0.3462
Android (android.graphics.Color)	4291746507 (0xFFCEDACB)
YUV	212.7020, -4.7831, -5.8777
Hunter-Lab	82.2049, -10.7283, 9.7192

Details

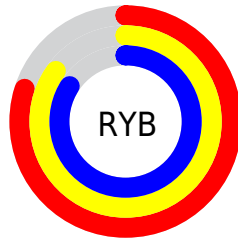
The Yxy color **67.5764, 0.3141, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2116, 0.3112, 0.3122**, and the grayscale version is **66.3684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0397, 0.3146, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **64.2596, 0.3160, 0.3737**, and if you desaturate by 10%, it is **71.3203, 0.3121, 0.3217**.

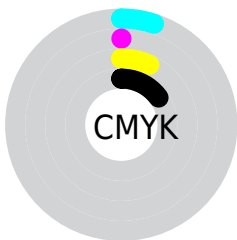
Distribution



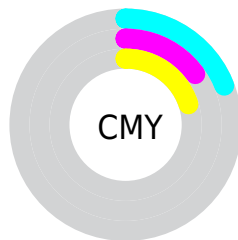
- Red (81%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (15%)



- Cyan (19%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.5764, 0.3141, 0.3462 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 67.5764, 0.3141, 0.3462 by changing the saturation by 10% instead.

■ 67.5764, 0.3141,
0.3462

■ 67.5764, 0.3141,
0.3462

451.9937, 0.3135,
0.3380

■ 49.5532, 0.3142,
0.3481

115.7459, 0.3139,
0.3433

■ 35.0585, 0.3144,
0.3505

146.6611, 0.3138,
0.3422

■ 23.7079, 0.3146,
0.3536

182.6423, 0.3137,
0.3413

■ 15.1171, 0.3148,
0.3577

224.0740, 0.3137,
0.3405

■ 8.9016, 0.3151,
0.3635

271.3406, 0.3136,
0.3397

■ 4.6771, 0.3154,
0.3721

324.8265, 0.3136,

■ 2.0591, 0.3158,

0.3391

0.3866

384.9161, 0.3135,
0.3385

0.6415, 0.3256,
0.4694

0.0000, 0.0000,
0.0000

67.5764, 0.3141,
0.3462

67.5764, 0.3141,
0.3462

64.2596, 0.3160,
0.3737

71.3203, 0.3121,
0.3217

61.3462, 0.3175,
0.4040

75.4968, 0.3100,
0.3000

58.8233, 0.3186,
0.4366

78.6210, 0.3144,
0.2930

56.6739, 0.3191,
0.4703

■ 54.8797, 0.3186,
0.5037

■ 53.4211, 0.3172,
0.5346

■ 52.2761, 0.3148,
0.5607

■ 51.4202, 0.3114,
0.5802

■ 50.8237, 0.3076,
0.5921

Harmonies

Analogous

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



67.5764, 0.3248, 0.3485



67.5764, 0.3141, 0.3462



67.5764, 0.3031, 0.3390

Triad

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



67.5764, 0.3141, 0.3462



67.5764, 0.2933, 0.3125



67.5764, 0.3309, 0.3285

Complementary

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



67.5764, 0.3141, 0.3462



62.2116, 0.3112, 0.3122

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.



67.5764, 0.3222, 0.3193



67.5764, 0.3141, 0.3462



67.5764, 0.3005, 0.3101

Square

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



67.5764, 0.3141, 0.3462



67.5764, 0.2913, 0.3193



67.5764, 0.3110, 0.3126



67.5764, 0.3347, 0.3381

Rectangle

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



67.5764, 0.3141, 0.3462



67.5764, 0.2972, 0.3325



67.5764, 0.3110, 0.3126



67.5764, 0.3284, 0.3253

Sweetspot

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



67.5793, 0.3141, 0.3462



98.9127, 0.3131, 0.3339



67.6881, 0.3232, 0.3422



21.1828, 0.3131, 0.3337



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.



67.5793, 0.3141, 0.3462



95.7995, 0.3143, 0.3493



67.3538, 0.3091, 0.3413



14.7326, 0.3146, 0.3529



30.4005, 0.3072, 0.5942



2.0062, 0.3181, 0.5857

Inverse Universe

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



62.2116, 0.3112, 0.3122



86.8923, 0.3109, 0.3092



62.4563, 0.3165, 0.3170



13.1347, 0.3106, 0.3057



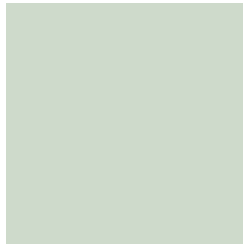
8.4584, 0.2703, 0.1263



0.5824, 0.2790, 0.1311

Previews

White Background



This preview shows how the Yxy color 67.5764, 0.3141, 0.3462 looks on a white background.

Color Contrast Check

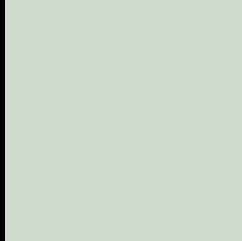
Large Text (above 18pt) WCAG AA × Fail

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 67.5764, 0.3141, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

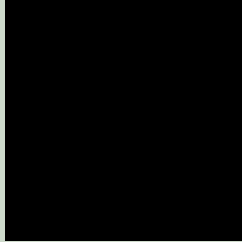
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

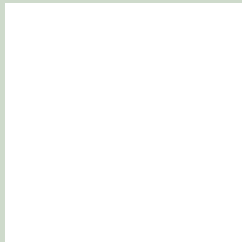
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5764, 0.3141, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 67.5764, 0.3141, 0.3462.

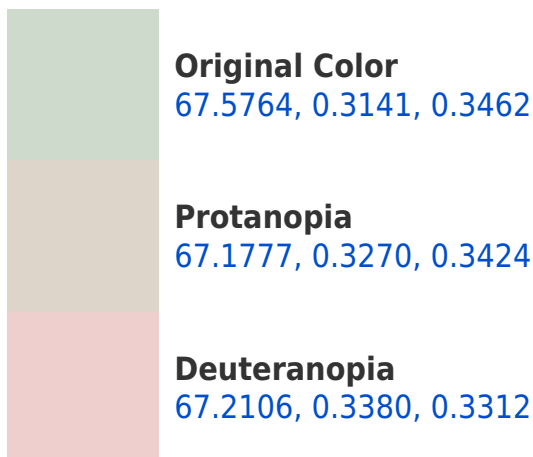


This preview shows how white text looks on a background with the Yxy color 67.5764, 0.3141, 0.3462.

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

67.5643, 0.2986, 0.3102

Trichromacy



Original Color

67.5764, 0.3141, 0.3462

Protanomaly

67.4641, 0.3224, 0.3437

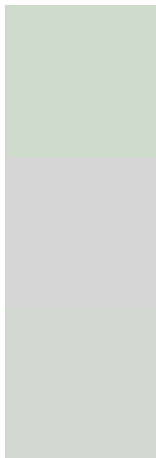
Deuteranomaly

67.1169, 0.3289, 0.3368

Tritanomaly

67.3766, 0.3044, 0.3223

Monochromacy



Original Color

67.5764, 0.3141, 0.3462

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.9060, 0.3131, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5764, 0.3141, 0.3462 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(206, 218, 203) looks like.

```
.text, #text, p{  
    color:rgb(206, 218, 203)  
}
```

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(206, 218, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 218, 203) }
```

Border

The CSS property to change the border of an element to Yxy 67.5764, 0.3141, 0.3462 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(206, 218, 203) }
```

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

```
.border{ border-color:rgb(206, 218, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 218, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 218, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 218, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 218,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5764, 0.3141, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 218, 203) }
```

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

```
.background{ background-color: rgb(206,  
218, 203) }
```

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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