

Converting Colors

Yxy(66.2330, 0.3154, 0.3492)

Have a look what the booklet for
Yxy(66.2330, 0.3154, 0.3492)
contains.

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Color

Yxy(66.0726, 0.3154, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	CCD8C7
RGB	204, 216, 199
RGB Percent	80%, 85%, 78%
CMY	0.2001, 0.1529, 0.2195
CMYK	0.06, 0.00, 0.08, 0.15
HSL	103°, 18%, 81%
HSV	103°, 8%, 85%
XYZ	59.7628, 66.0726, 63.6472
YIQ	210.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

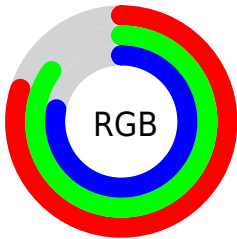
Format	Color
RYB	199, 216, 211
Decimal	13424839
CIELab	85.03, -7.14, 6.97
CIElCh	85, 9.976, 135.678
Yxy	66.0726, 0.3154, 0.3487
Android (android.graphics.Color)	4291614919 (0xFFCCD8C7)
YUV	210.4740, -5.6567, -5.6777
Hunter-Lab	81.2851, -11.0111, 10.4747

Details

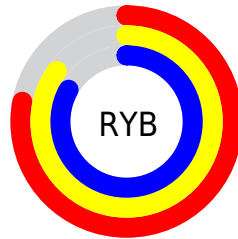
The Yxy color **66.0726, 0.3154, 0.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6713, 0.3098, 0.3096**, and the grayscale version is **64.8151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0181, 0.3163, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **63.0854, 0.3187, 0.3762**, and if you desaturate by 10%, it is **69.4204, 0.3120, 0.3239**.

Distribution



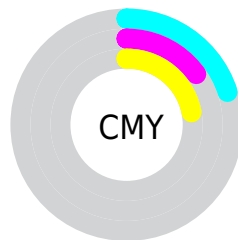
- Red (80%)
- Green (85%)
- Blue (78%)



- Red (78%)
- Yellow (85%)
- Blue (83%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0726, 0.3154, 0.3487 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 66.0726, 0.3154, 0.3487 by changing the saturation by 10% instead.

■ 66.0726, 0.3154,
0.3487

■ 66.0726, 0.3154,
0.3487

446.6365, 0.3142,
0.3393

■ 48.3313, 0.3157,
0.3509

113.5905, 0.3150,
0.3454

■ 34.0894, 0.3160,
0.3537

144.1360, 0.3148,
0.3441

■ 22.9623, 0.3164,
0.3573

179.7183, 0.3147,
0.3430

■ 14.5656, 0.3169,
0.3621

220.7219, 0.3146,
0.3421

■ 8.5151, 0.3176,
0.3689

267.5311, 0.3145,
0.3413

■ 4.4263, 0.3185,
0.3791


320.5303, 0.3144,

■ 1.9148, 0.3196,


0.3405

380.1040, 0.3143,
0.3399


0.3964


 0.5572, 0.3444,
0.5399


 0.0000, 0.0000,
0.0000


 66.0726, 0.3154,
0.3487


 66.0726, 0.3154,
0.3487


 63.0854, 0.3187,
0.3762


 69.4204, 0.3120,
0.3239

 60.4381, 0.3216,
0.4061

 73.1316, 0.3086,
0.3019

 58.1208, 0.3240,
0.4380

 76.6387, 0.3109,
0.2906

 56.1199, 0.3255,
0.4707

 77.5972, 0.3145,
0.2910

■ 54.4209, 0.3259,
0.5028

■ 53.0078, 0.3249,
0.5323

■ 51.8631, 0.3224,
0.5572

■ 50.9671, 0.3185,
0.5759

■ 50.2947, 0.3138,
0.5878

Harmonies

Analogous

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



66.0726, 0.3272, 0.3507



66.0726, 0.3154, 0.3487



66.0726, 0.3031, 0.3411

Triad

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



66.0726, 0.3154, 0.3487



66.0726, 0.2907, 0.3111



66.0726, 0.3323, 0.3275

Complementary

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



66.0726, 0.3154, 0.3487



59.6713, 0.3098, 0.3096

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.



66.0726, 0.3222, 0.3174



66.0726, 0.3154, 0.3487



66.0726, 0.2982, 0.3080

Square

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



66.0726, 0.3154, 0.3487



66.0726, 0.2890, 0.3191



66.0726, 0.3097, 0.3103



66.0726, 0.3371, 0.3382

Rectangle

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



66.0726, 0.3154, 0.3487



66.0726, 0.2962, 0.3340



66.0726, 0.3097, 0.3103



66.0726, 0.3294, 0.3239

Sweetspot

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



66.0754, 0.3154, 0.3487



98.9971, 0.3134, 0.3339



65.2704, 0.3249, 0.3425



21.2000, 0.3134, 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.



66.0754, 0.3154, 0.3487



95.6551, 0.3158, 0.3519



65.5461, 0.3095, 0.3449



14.0697, 0.3159, 0.3528



29.7429, 0.3138, 0.5891



1.8362, 0.3269, 0.5786

Inverse Universe

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



59.6713, 0.3098, 0.3096



84.9739, 0.3093, 0.3065



60.2408, 0.3161, 0.3136



12.4424, 0.3092, 0.3057



7.0011, 0.2487, 0.1143



0.4638, 0.2615, 0.1214

Previews

White Background



This preview shows how the Yxy color 66.0726, 0.3154, 0.3487 looks on a white background.

Color Contrast Check

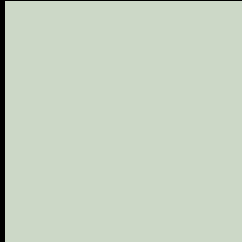
Large Text (above 18pt) WCAG AA × Fail

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 66.0726, 0.3154, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

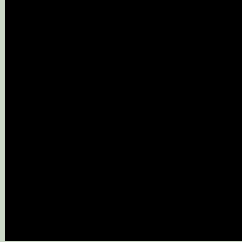
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

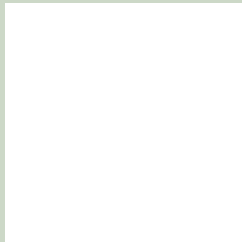
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0726, 0.3154, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 66.0726, 0.3154, 0.3487.



This preview shows how white text looks on a background with the Yxy color 66.0726, 0.3154, 0.3487.

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

66.0726, 0.3154, 0.3487

Protanopia

65.8354, 0.3294, 0.3448

Deuteranopia

65.8842, 0.3406, 0.3334



Tritanopia

66.2437, 0.2999, 0.3111

Trichromacy



Original Color

66.0726, 0.3154, 0.3487

Protanomaly

65.9619, 0.3238, 0.3461

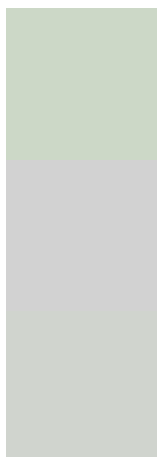
Deuteranomaly

65.7786, 0.3313, 0.3391

Tritanomaly

65.8637, 0.3057, 0.3244

Monochromacy



Original Color

66.0726, 0.3154, 0.3487

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.9531, 0.3139, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0726, 0.3154, 0.3487 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(204, 216, 199)` looks like.

```
.text, #text, p{  
    color:rgb(204, 216, 199)  
}
```

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(204, 216, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 216, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.0726, 0.3154, 0.3487 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(204, 216, 199) }
```

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

```
.border{ border-color:rgb(204, 216, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 216, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 216, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 216, 199);  
box-shadow:4px 4px 4px 4px rgb(204, 216,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0726, 0.3154, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 216, 199) }
```

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

```
.background{ background-color: rgb(204,  
216, 199) }
```

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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