

Converting Colors

$Yxy(60.9608, 0.3223, 0.3502)$

Have a look what the booklet for
Yxy(60.9608, 0.3223, 0.3502)
contains.

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Color

Yxy(60.9963, 0.3224, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	CBCFBD
RGB	203, 207, 189
RGB Percent	80%, 81%, 74%
CMY	0.2040, 0.1882, 0.2588
CMYK	0.02, 0.00, 0.09, 0.19
HSL	73°, 16%, 78%
HSV	73°, 9%, 81%
XYZ	56.1222, 60.9963, 56.9577
YIQ	203.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

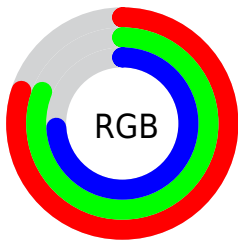
Format	Color
RYB	189, 207, 193
Decimal	13356989
CIELab	82.38, -4.57, 8.47
CIELCh	82, 9.619, 118.343
Yxy	60.9963, 0.3224, 0.3504
Android (android.graphics.Color)	4291547069 (0xFFCBCFBD)
YUV	203.7520, -7.2727, -0.6595
Hunter-Lab	78.1001, -8.4065, 11.4304

Details

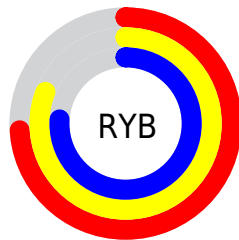
The Yxy color **60.9963, 0.3224, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2414, 0.3025, 0.3071**, and the grayscale version is **60.2635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **30.9496, 0.3246, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **59.5224, 0.3337, 0.3762**, and if you desaturate by 10%, it is **62.6233, 0.3113, 0.3259**.

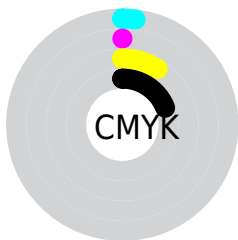
Distribution



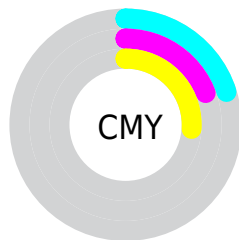
- Red (80%)
- Green (81%)
- Blue (74%)



- Red (74%)
- Yellow (81%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (20%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9963, 0.3224, 0.3504 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 60.9963, 0.3224, 0.3504 by changing the saturation by 10% instead.


 60.9963, 0.3224,
0.3504

 60.9963, 0.3224,
0.3504


428.2604, 0.3178,
0.3401

 44.2222, 0.3235,
0.3529

 106.2736, 0.3208,
0.3467

 30.8452, 0.3248,
0.3560


135.5455, 0.3202,
0.3453

 20.4810, 0.3265,
0.3600


169.7522, 0.3196,
0.3441

 12.7452, 0.3288,
0.3655

209.2780, 0.3192,
0.3431

 7.2533, 0.3320,
0.3732

254.5074, 0.3188,
0.3422

 3.6210, 0.3366,
0.3852

305.8246, 0.3184,

 1.4639, 0.3443,

0.3414

0.4061

363.6142, 0.3181,
0.3407

0.2631, 0.3450,
0.6550

0.0000, 0.0000,
0.0000

60.9963, 0.3224,
0.3504

60.9963, 0.3224,
0.3504

59.5224, 0.3337,
0.3762

62.6233, 0.3113,
0.3259

58.1880, 0.3448,
0.4028

64.4006, 0.3006,
0.3031

56.9898, 0.3553,
0.4295

66.3360, 0.2905,
0.2820

55.9215, 0.3647,
0.4552

67.3040, 0.2912,
0.2786

■ 54.9759, 0.3725,
0.4789

■ 68.0436, 0.2944,
0.2791

■ 54.1453, 0.3781,
0.4995

■ 68.8035, 0.2977,
0.2796

■ 53.4209, 0.3813,
0.5161

■ 69.5837, 0.3009,
0.2801

■ 52.7923, 0.3819,
0.5280

■ 70.3846, 0.3042,
0.2806

■ 52.2433, 0.3802,
0.5356

■ 71.2061, 0.3075,
0.2810

Harmonies

Analogous

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



60.9963, 0.3323, 0.3489



60.9963, 0.3224, 0.3504



60.9963, 0.3101, 0.3459

Triad

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



60.9963, 0.3224, 0.3504



60.9963, 0.2891, 0.3153



60.9963, 0.3268, 0.3215

Complementary

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



60.9963, 0.3224, 0.3504



52.2414, 0.3025, 0.3071

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.



60.9963, 0.3150, 0.3129



60.9963, 0.3224, 0.3504



60.9963, 0.2934, 0.3093

Square

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



60.9963, 0.3224, 0.3504



60.9963, 0.2911, 0.3253



60.9963, 0.3028, 0.3085



60.9963, 0.3349, 0.3320

Rectangle

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



60.9963, 0.3224, 0.3504



60.9963, 0.3022, 0.3401



60.9963, 0.3028, 0.3085



60.9963, 0.3231, 0.3183

Sweetspot

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



60.9989, 0.3224, 0.3504



99.1937, 0.3161, 0.3363



55.0373, 0.3272, 0.3337



21.1862, 0.3170, 0.3383



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.



60.9989, 0.3224, 0.3504



97.3987, 0.3240, 0.3540



59.7881, 0.3156, 0.3508



13.6586, 0.3232, 0.3522



32.9121, 0.3805, 0.5361



1.8739, 0.3880, 0.5301

Inverse Universe

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



52.2414, 0.3025, 0.3071



81.2332, 0.3007, 0.3033



53.4437, 0.3096, 0.3076



11.5435, 0.3016, 0.3052



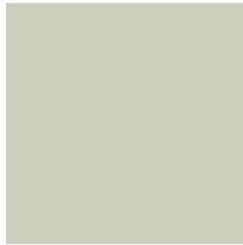
3.2441, 0.1624, 0.0668



0.2176, 0.1810, 0.0771

Previews

White Background



This preview shows how the Yxy color 60.9963, 0.3224, 0.3504 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 60.9963, 0.3224, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

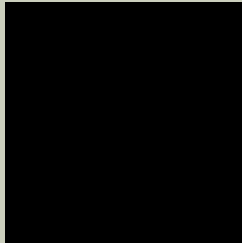
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

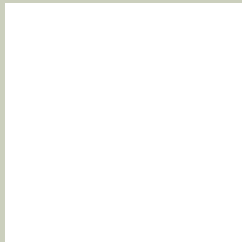
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9963, 0.3224, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 60.9963, 0.3224, 0.3504.



This preview shows how white text looks on a background with the Yxy color 60.9963, 0.3224, 0.3504.

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

60.9963, 0.3224, 0.3504

Protanopia

60.9197, 0.3321, 0.3488

Deuteranopia

60.9727, 0.3439, 0.3369



Tritanopia

61.0917, 0.3045, 0.3107

Trichromacy



Original Color

60.9963, 0.3224, 0.3504

Protanomaly

60.8488, 0.3281, 0.3490

Deuteranomaly

60.7066, 0.3360, 0.3416

Tritanomaly

60.8616, 0.3114, 0.3244

Monochromacy



Original Color

60.9963, 0.3224, 0.3504

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.6235, 0.3162, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9963, 0.3224, 0.3504 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(203, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 207, 189)  
}
```

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(203, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 207, 189) }
```

Border

The CSS property to change the border of an element to Yxy 60.9963, 0.3224, 0.3504 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(203, 207, 189) }
```

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

```
.border{ border-color:rgb(203, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(203, 207,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9963, 0.3224, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 207, 189) }
```

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

```
.background{ background-color: rgb(203,  
207, 189) }
```

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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