

Converting Colors

$Yxy(60.0055, 0.3263, 0.3529)$

Have a look what the booklet for
Yxy(60.0055, 0.3263, 0.3529)
contains.

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Color

Yxy(60.0028, 0.3263, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	CCCDB9
RGB	204, 205, 185
RGB Percent	80%, 80%, 73%
CMY	0.2002, 0.1960, 0.2746
CMYK	0.01, 0.00, 0.10, 0.20
HSL	63°, 17%, 76%
HSV	63°, 10%, 80%
XYZ	55.4801, 60.0028, 54.5449
YIQ	202.4210, 5.8240, -6.4320

Conversions

Conversions Part 2

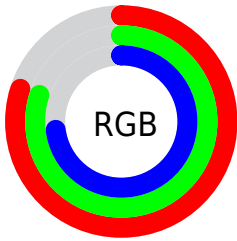
Format	Color
RYB	185, 205, 186
Decimal	13422009
CIELab	81.84, -3.86, 9.85
CIELCh	82, 10.577, 111.390
Yxy	60.0028, 0.3263, 0.3529
Android (android.graphics.Color)	4291612089 (0xFFCCADB9)
YUV	202.4210, -8.5886, 1.3848
Hunter-Lab	77.4615, -7.7109, 12.4737

Details

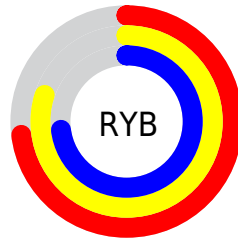
The Yxy color **60.0028, 0.3263, 0.3529** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5425, 0.2984, 0.3041**, and the grayscale version is **59.3886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **30.2832, 0.3299, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **59.0486, 0.3405, 0.3781**, and if you desaturate by 10%, it is **61.0881, 0.3124, 0.3285**.

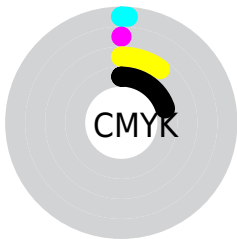
Distribution



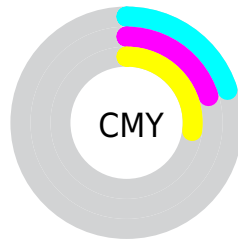
- Red (80%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (80%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)




- Cyan (20%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0028, 0.3263, 0.3529 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 60.0028, 0.3263, 0.3529 by changing the saturation by 10% instead.


 60.0028, 0.3263,
0.3529

 60.0028, 0.3263,
0.3529

424.6081, 0.3198,
0.3414

 43.4209, 0.3278,
0.3557

 104.8337, 0.3240,
0.3488

 30.2155, 0.3297,
0.3592

133.8515, 0.3231,
0.3472

 20.0022, 0.3322,
0.3637


167.7834, 0.3224,
0.3459

 12.3967, 0.3354,
0.3698

207.0138, 0.3217,
0.3447

 7.0144, 0.3400,
0.3786

251.9271, 0.3212,
0.3437

 3.4711, 0.3468,
0.3920

302.9076, 0.3207,

 1.3824, 0.3596,

0.3428

0.4174

360.3398, 0.3202,
0.3421

0.2037, 0.3280,
0.6720

0.0000, 0.0000,
0.0000

60.0028, 0.3263,
0.3529

60.0028, 0.3263,
0.3529

59.0486, 0.3405,
0.3781

61.0881, 0.3124,
0.3285

58.2124, 0.3546,
0.4034

62.3018, 0.2991,
0.3053

57.4911, 0.3681,
0.4280

63.6511, 0.2866,
0.2836

56.8785, 0.3805,
0.4509

64.3441, 0.2821,
0.2751

■ 56.3679, 0.3912,
0.4710

■ 64.5020, 0.2829,
0.2752

■ 55.9518, 0.3996,
0.4876

■ 64.6609, 0.2836,
0.2753

■ 55.6216, 0.4055,
0.5001

■ 64.8209, 0.2843,
0.2755

■ 55.3671, 0.4089,
0.5081

■ 64.9820, 0.2851,
0.2756

■ 55.1700, 0.4101,
0.5125

■ 65.1441, 0.2858,
0.2757

Harmonies

Analogous

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



60.0028, 0.3361, 0.3497



60.0028, 0.3263, 0.3529



60.0028, 0.3130, 0.3495

Triad

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



60.0028, 0.3263, 0.3529



60.0028, 0.2866, 0.3161



60.0028, 0.3255, 0.3182

Complementary

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



60.0028, 0.3263, 0.3529



49.5425, 0.2984, 0.3041

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.



60.0028, 0.3120, 0.3097



60.0028, 0.3263, 0.3529



60.0028, 0.2897, 0.3083

Square

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



60.0028, 0.3263, 0.3529



60.0028, 0.2902, 0.3278



60.0028, 0.2989, 0.3060



60.0028, 0.3357, 0.3295

Rectangle

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



60.0028, 0.3263, 0.3529



60.0028, 0.3040, 0.3438



60.0028, 0.2989, 0.3060



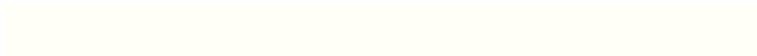
60.0028, 0.3212, 0.3149

Sweetspot

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



60.0054, 0.3263, 0.3529



99.4405, 0.3169, 0.3363



51.5942, 0.3296, 0.3303



21.2530, 0.3180, 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.



60.0054, 0.3263, 0.3529



97.8782, 0.3297, 0.3589



58.6427, 0.3185, 0.3535



13.0653, 0.3258, 0.3520



34.3490, 0.4102, 0.5125



1.7815, 0.4121, 0.5110

Inverse Universe

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



49.5425, 0.2984, 0.3041



76.9180, 0.2947, 0.2975



50.8345, 0.3064, 0.3047



10.8718, 0.2990, 0.3051



2.8005, 0.1518, 0.0610



0.1546, 0.1581, 0.0645

Previews

White Background



This preview shows how the Yxy color 60.0028, 0.3263, 0.3529 looks on a white background.

Color Contrast Check

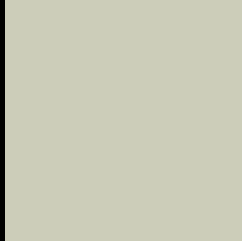
Large Text (above 18pt) WCAG AA × Fail

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 60.0028, 0.3263, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

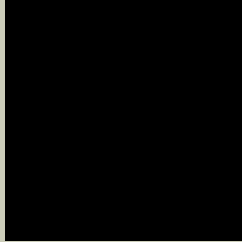
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

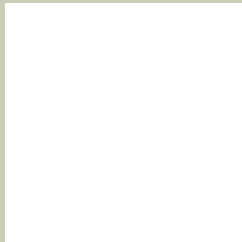
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0028, 0.3263, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 60.0028, 0.3263, 0.3529.



This preview shows how white text looks on a background with the Yxy color 60.0028, 0.3263, 0.3529.

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

60.0028, 0.3263, 0.3529

Protanopia

60.1696, 0.3337, 0.3513

Deuteranopia

59.7257, 0.3466, 0.3392



Tritanopia

59.6763, 0.3074, 0.3106

Trichromacy



Original Color

60.0028, 0.3263, 0.3529

Protanomaly

60.2017, 0.3312, 0.3526

Deuteranomaly

59.6077, 0.3394, 0.3440

Tritanomaly

59.9142, 0.3144, 0.3255

Monochromacy



Original Color

60.0028, 0.3263, 0.3529

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.3939, 0.3177, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0028, 0.3263, 0.3529 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, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 185)  
}
```

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, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 185) }
```

Border

The CSS property to change the border of an element to Yxy 60.0028, 0.3263, 0.3529 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, 205, 185) }
```

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

```
.border{ border-color:rgb(204, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0028, 0.3263, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 185) }
```

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

```
.background{ background-color: rgb(204,  
205, 185) }
```

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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