

Converting Colors

$Yxy(60.5110, 0.3259, 0.3550)$

Have a look what the booklet for
Yxy(60.5110, 0.3259, 0.3550)
contains.

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Color

Yxy(60.3419, 0.3254, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	CBCEB9
RGB	203, 206, 185
RGB Percent	80%, 81%, 73%
CMY	0.2040, 0.1921, 0.2746
CMYK	0.01, 0.00, 0.10, 0.19
HSL	69°, 18%, 77%
HSV	69°, 10%, 81%
XYZ	55.4512, 60.3419, 54.6162
YIQ	202.7090, 4.9530, -7.1670

Conversions

Conversions Part 2

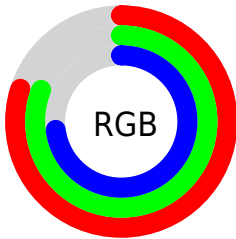
Format	Color
RYB	185, 206, 188
Decimal	13356729
CIELab	82.02, -4.72, 10.10
CIELCh	82, 11.147, 115.070
Yxy	60.3419, 0.3254, 0.3541
Android (android.graphics.Color)	4291546809 (0xFFC BCEB9)
YUV	202.7090, -8.7305, 0.2552
Hunter-Lab	77.6800, -8.5196, 12.6898

Details

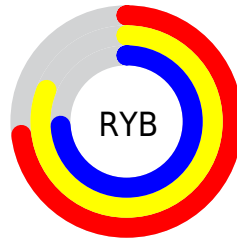
The Yxy color $60.3419, 0.3254, 0.3541$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.8442, 0.2993, 0.3030$, and the grayscale version is $59.5814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1309, 0.3209, 0.3425$, and $30.5120, 0.3286, 0.3609$ is the 20% darker color. If you saturate the color by 10%, you get $59.1231, 0.3380, 0.3797$, and if you desaturate by 10%, it is $61.7000, 0.3130, 0.3295$.

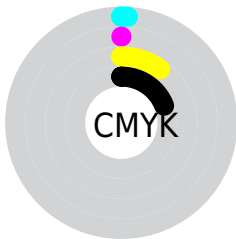
Distribution



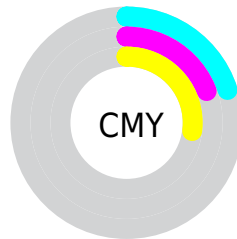
- Red (80%)
- Green (81%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)




- Cyan (20%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3419, 0.3254, 0.3541 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 60.3419, 0.3254, 0.3541 by changing the saturation by 10% instead.


 60.3419, 0.3254,
0.3541

 60.3419, 0.3254,
0.3541


425.8569, 0.3194,
0.3420

 43.6943, 0.3268,
0.3570


 105.3255, 0.3233,
0.3498

 30.4302, 0.3286,
0.3607


134.4302, 0.3225,
0.3481

 20.1654, 0.3308,
0.3654


168.4561, 0.3218,
0.3467

 12.5153, 0.3338,
0.3719

207.7876, 0.3212,
0.3455

 7.0957, 0.3380,
0.3811

252.8090, 0.3206,
0.3445

 3.5220, 0.3441,
0.3953

303.9047, 0.3202,

 1.4099, 0.3557,

0.3435

0.4218

361.4592, 0.3198,
0.3427

0.2240, 0.3035,
0.6965

0.0000, 0.0000,
0.0000

60.3419, 0.3254,
0.3541

60.3419, 0.3254,
0.3541

59.1231, 0.3380,
0.3797

61.7000, 0.3130,
0.3295

58.0304, 0.3505,
0.4058

63.1947, 0.3010,
0.3063

57.0605, 0.3623,
0.4314

64.8333, 0.2897,
0.2848

56.2070, 0.3730,
0.4556

65.7965, 0.2866,
0.2769

■ 55.4632, 0.3819,
0.4774

■ 66.2504, 0.2887,
0.2772

■ 54.8212, 0.3886,
0.4958

■ 66.7125, 0.2907,
0.2775

■ 54.2724, 0.3928,
0.5100

■ 67.1829, 0.2928,
0.2778

■ 53.8064, 0.3944,
0.5196

■ 67.6616, 0.2948,
0.2781

■ 53.4114, 0.3939,
0.5254

■ 68.1487, 0.2969,
0.2784

Harmonies

Analogous

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



60.3419, 0.3364, 0.3515



60.3419, 0.3254, 0.3541



60.3419, 0.3112, 0.3496

Triad

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



60.3419, 0.3254, 0.3541



60.3419, 0.2853, 0.3141



60.3419, 0.3277, 0.3190

Complementary

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



60.3419, 0.3254, 0.3541



49.8442, 0.2993, 0.3030

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.



60.3419, 0.3137, 0.3096



60.3419, 0.3254, 0.3541



60.3419, 0.2894, 0.3066

Square

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



60.3419, 0.3254, 0.3541



60.3419, 0.2882, 0.3261



60.3419, 0.2997, 0.3050



60.3419, 0.3378, 0.3311

Rectangle

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



60.3419, 0.3254, 0.3541



60.3419, 0.3019, 0.3432



60.3419, 0.2997, 0.3050



60.3419, 0.3233, 0.3154

Sweetspot

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



60.3445, 0.3254, 0.3541



99.3082, 0.3164, 0.3363



52.5034, 0.3302, 0.3324



21.2172, 0.3175, 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.



60.3445, 0.3254, 0.3541



97.3555, 0.3278, 0.3590



58.9488, 0.3174, 0.3547



13.0115, 0.3244, 0.3521



32.9171, 0.3943, 0.5251



1.7212, 0.3995, 0.5210

Inverse Universe

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



49.8442, 0.2993, 0.3030



77.3744, 0.2965, 0.2977



51.1970, 0.3076, 0.3037



10.9204, 0.3004, 0.3052



2.9373, 0.1562, 0.0634



0.1772, 0.1715, 0.0718

Previews

White Background



This preview shows how the Yxy color 60.3419, 0.3254, 0.3541 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 60.3419, 0.3254, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

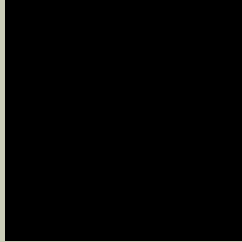
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

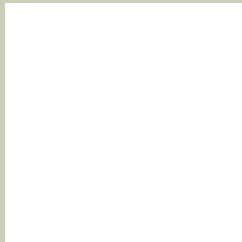
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3419, 0.3254, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 60.3419, 0.3254, 0.3541.



This preview shows how white text looks on a background with the Yxy color 60.3419, 0.3254, 0.3541.

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

60.3419, 0.3254, 0.3541

Protanopia

60.1696, 0.3337, 0.3513

Deuteranopia

60.3434, 0.3472, 0.3403



Tritanopia

60.1929, 0.3067, 0.3107

Trichromacy



Original Color

60.3419, 0.3254, 0.3541

Protanomaly

60.2017, 0.3312, 0.3526

Deuteranomaly

60.0694, 0.3392, 0.3451

Tritanomaly

60.2415, 0.3136, 0.3267

Monochromacy



Original Color

60.3419, 0.3254, 0.3541

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8678, 0.3177, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3419, 0.3254, 0.3541 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, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 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(203, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 60.3419, 0.3254, 0.3541 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, 206, 185) }
```

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

```
.border{ border-color:rgb(203, 206, 185) }
```

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

Here you see how a box with a 4 pixel rgb(203, 206, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 185);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3419, 0.3254, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 185) }
```

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

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