

Converting Colors

$Yxy(60.9538, 0.3043, 0.3396)$

Have a look what the booklet for
Yxy(60.9538, 0.3043, 0.3396)
contains.

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Color

Yxy(60.7651, 0.3041, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	BED1C9
RGB	190, 209, 201
RGB Percent	75%, 82%, 79%
CMY	0.2550, 0.1803, 0.2117
CMYK	0.09, 0.00, 0.04, 0.18
HSL	155°, 17%, 78%
HSV	155°, 9%, 82%
XYZ	54.5737, 60.7651, 64.1210
YIQ	202.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

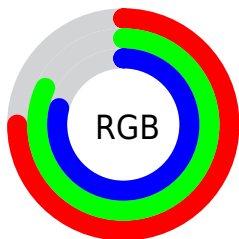
Format	Color
R_{YB}	190, 202, 209
Decimal	12505545
CIE Lab	82.25, -7.92, 1.76
CIE LCh	82, 8.117, 167.471
Yxy	60.7651, 0.3041, 0.3386
Android (android.graphics.Color)	4290695625 (0xFFBED1C9)
YUV	202.4070, -0.6937, -10.8809
Hunter-Lab	77.9520, -11.4491, 5.7962

Details

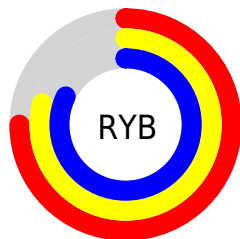
The Yxy color $60.7651, 0.3041, 0.3386$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.4458, 0.3222, 0.3196$, and the grayscale version is $59.3375, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3328, 0.3072, 0.3290$, and $30.8676, 0.3024, 0.3419$ is the 20% darker color. If you saturate the color by 10%, you get $57.8658, 0.2949, 0.3503$, and if you desaturate by 10%, it is $64.0791, 0.3136, 0.3281$.

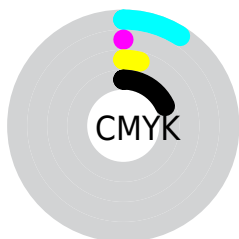
Distribution



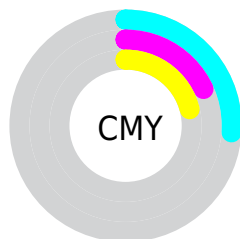
- Red (75%)
- Green (82%)
- Blue (79%)



- Red (75%)
- Yellow (79%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)





- Cyan (26%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7651, 0.3041, 0.3386 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 60.7651, 0.3041, 0.3386 by changing the saturation by 10% instead.

 60.7651, 0.3041,
0.3386

 60.7651, 0.3041,
0.3386

427.4122, 0.3082,
0.3340

 44.0356, 0.3031,
0.3397

 105.9387, 0.3056,
0.3370

 30.6985, 0.3019,
0.3411


135.1517, 0.3061,
0.3363

 20.3694, 0.3003,
0.3429


169.2946, 0.3066,
0.3358

 12.6638, 0.2981,
0.3453

208.7519, 0.3070,
0.3353

 7.1975, 0.2950,
0.3488

253.9079, 0.3074,
0.3349

 3.5859, 0.2904,
0.3541

305.1470, 0.3077,

 1.4447, 0.2823,

0.3346

0.3634

362.8536, 0.3080,
0.3343

0.2493, 0.0987,
0.5650

0.0000, 0.0000,
0.0000

60.7651, 0.3041,
0.3386

60.7651, 0.3041,
0.3386

57.8658, 0.2949,
0.3503

64.0791, 0.3136,
0.3281

55.3566, 0.2863,
0.3631


67.8158, 0.3231,
0.3188

53.2223, 0.2785,
0.3771

71.9926, 0.3326,
0.3105

51.4435, 0.2718,
0.3921


72.9293, 0.3280,
0.3020

 49.9991, 0.2667,
0.4079


 73.4523, 0.3218,
0.2936


 48.8656, 0.2633,
0.4242

 74.0007, 0.3157,
0.2854

 48.0164, 0.2618,
0.4406

 74.0867, 0.3148,
0.2841

 47.4200, 0.2624,
0.4569

 47.0251, 0.2648,
0.4727

Harmonies

Analogous

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



60.7651, 0.3144, 0.3452



60.7651, 0.3041, 0.3386



60.7651, 0.2962, 0.3294

Triad

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



60.7651, 0.3041, 0.3386



60.7651, 0.3010, 0.3113



60.7651, 0.3331, 0.3372

Complementary

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



60.7651, 0.3041, 0.3386



54.4458, 0.3222, 0.3196

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.



60.7651, 0.3295, 0.3283



60.7651, 0.3041, 0.3386



60.7651, 0.3108, 0.3135

Square

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



60.7651, 0.3041, 0.3386



60.7651, 0.2945, 0.3137



60.7651, 0.3212, 0.3197



60.7651, 0.3312, 0.3442

Rectangle

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



60.7651, 0.3041, 0.3386



60.7651, 0.2933, 0.3231



60.7651, 0.3212, 0.3197



60.7651, 0.3325, 0.3344

Sweetspot

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



60.7677, 0.3041, 0.3386



98.3727, 0.3098, 0.3321



61.3588, 0.3179, 0.3518



20.9649, 0.3091, 0.3329



0.0000, 0.0000, 0.0000



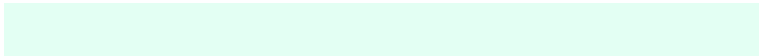
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7677, 0.3041, 0.3386



94.3275, 0.3022, 0.3409



60.5333, 0.2988, 0.3274



13.3197, 0.3038, 0.3389



28.9915, 0.2644, 0.4718



1.6367, 0.2563, 0.4427

Inverse Universe

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



54.4458, 0.3222, 0.3196



82.3865, 0.3246, 0.3174



54.6389, 0.3283, 0.3306



11.8894, 0.3226, 0.3193



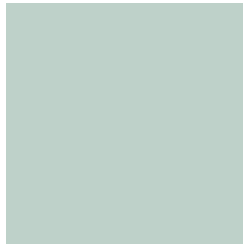
8.8082, 0.5280, 0.2683



0.5082, 0.4809, 0.2423

Previews

White Background



This preview shows how the Yxy color 60.7651, 0.3041, 0.3386 looks on a white background.

Color Contrast Check

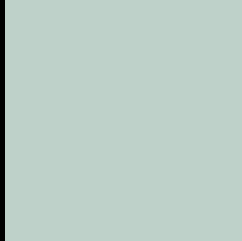
Large Text (above 18pt) WCAG AA × Fail

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 60.7651, 0.3041, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

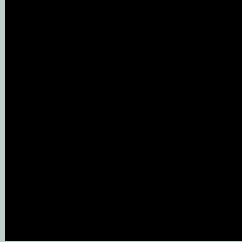
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

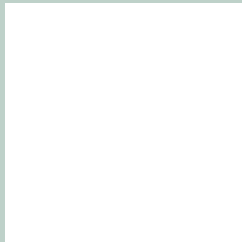
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7651, 0.3041, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 60.7651, 0.3041, 0.3386.

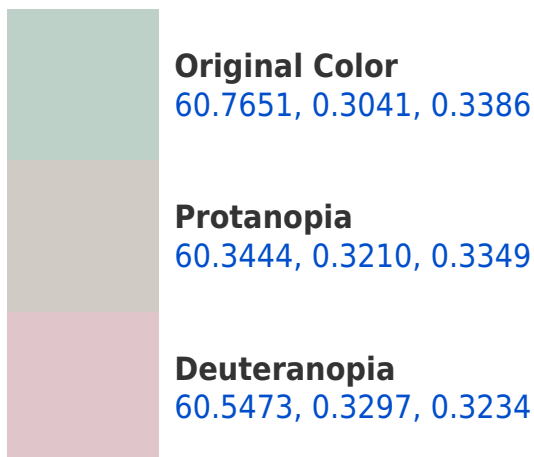


This preview shows how white text looks on a background with the Yxy color 60.7651, 0.3041, 0.3386.

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

60.8859, 0.2931, 0.3103

Trichromacy



Original Color

60.7651, 0.3041, 0.3386

Protanomaly

60.3427, 0.3147, 0.3361

Deuteranomaly

60.5024, 0.3205, 0.3290

Tritanomaly

60.8181, 0.2976, 0.3207

Monochromacy



Original Color

60.7651, 0.3041, 0.3386

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9327, 0.3095, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7651, 0.3041, 0.3386 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(190, 209, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 209, 201)  
}
```

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(190, 209, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 209, 201) }
```

Border

The CSS property to change the border of an element to Yxy 60.7651, 0.3041, 0.3386 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(190, 209, 201) }
```

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

```
.border{ border-color:rgb(190, 209, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 209, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 209, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 209, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 209,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7651, 0.3041, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 209, 201) }
```

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

```
.background{ background-color: rgb(190,  
209, 201) }
```

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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