

Converting Colors

$Yxy(60.0062, 0.3186, 0.3387)$

Have a look what the booklet for
Yxy(60.0062, 0.3186, 0.3387)
contains.

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Color

Yxy(60.0086, 0.3184, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	CCCCC4
RGB	204, 204, 196
RGB Percent	80%, 80%, 77%
CMY	0.2002, 0.1999, 0.2314
CMYK	0.00, 0.00, 0.04, 0.20
HSL	61°, 7%, 78%
HSV	61°, 4%, 80%
XYZ	56.4453, 60.0086, 60.8241
YIQ	203.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

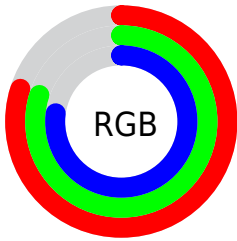
Format	Color
R_{YB}	196, 204, 196
Decimal	13421764
CIE Lab	81.84, -1.46, 3.98
CIE LCh	82, 4.239, 110.174
Yxy	60.0086, 0.3184, 0.3385
Android (android.graphics.Color)	4291611844 (0xFFCCCCC4)
YUV	203.0880, -3.4944, 0.7998
Hunter-Lab	77.4652, -5.4995, 7.6724

Details

The Yxy color `60.0086, 0.3184, 0.3385` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `55.5800, 0.3069, 0.3193`, and the grayscale version is `59.7964, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.8718, 0.3139, 0.3309`, and `30.2497, 0.3203, 0.3416` is the 20% darker color. If you saturate the color by 10%, you get `59.1154, 0.3332, 0.3632`, and if you desaturate by 10%, it is `61.0334, 0.3042, 0.3147`.

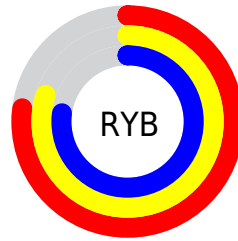
Distribution



Red (80%)

Green (80%)

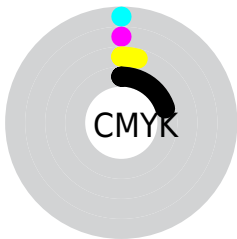
Blue (77%)



Red (77%)

Yellow (80%)

Blue (77%)

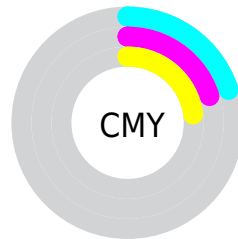


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0086, 0.3184, 0.3385 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 60.0086, 0.3184, 0.3385 by changing the saturation by 10% instead.

■ 60.0086, 0.3184,
0.3385

■ 60.0086, 0.3184,
0.3385

424.6295, 0.3157,
0.3339

■ 43.4256, 0.3190,
0.3396

104.8421, 0.3174,
0.3369

■ 30.2192, 0.3199,
0.3410

133.8614, 0.3171,
0.3363

■ 20.0050, 0.3209,
0.3427

167.7950, 0.3168,
0.3357

■ 12.3987, 0.3223,
0.3451

207.0271, 0.3165,
0.3353

■ 7.0158, 0.3243,
0.3485

251.9422, 0.3162,
0.3349

■ 3.4720, 0.3273,
0.3538

302.9247, 0.3160,

■ 1.3828, 0.3324,

0.3345

0.3628

360.3590, 0.3159,
0.3342

0.2040, 0.4368,
0.5632

0.0000, 0.0000,
0.0000

60.0086, 0.3184,
0.3385

60.0086, 0.3184,
0.3385

59.1154, 0.3332,
0.3632

61.0334, 0.3042,
0.3147

58.3409, 0.3481,
0.3883


62.1868, 0.2907,
0.2923

57.6823, 0.3628,
0.4130


63.3337, 0.2795,
0.2736

57.1338, 0.3767,
0.4364


63.3629, 0.2797,
0.2736


 56.6890, 0.3892,
0.4576


 63.3921, 0.2798,
0.2737


 56.3411, 0.3998,
0.4755


 63.4214, 0.2800,
0.2737

 56.0822, 0.4079,
0.4895

 63.4508, 0.2801,
0.2737

 55.9033, 0.4135,
0.4992

 63.4801, 0.2802,
0.2737

 55.7935, 0.4166,
0.5047

 63.5095, 0.2804,
0.2738

Harmonies

Analogous

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



60.0086, 0.3222, 0.3372



60.0086, 0.3184, 0.3385



60.0086, 0.3131, 0.3372

Triad

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



60.0086, 0.3184, 0.3385



60.0086, 0.3022, 0.3241



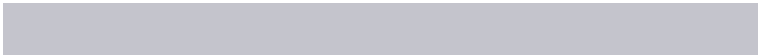
60.0086, 0.3177, 0.3245

Complementary

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



60.0086, 0.3184, 0.3385



55.5800, 0.3069, 0.3193

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.



60.0086, 0.3123, 0.3210



60.0086, 0.3184, 0.3385



60.0086, 0.3033, 0.3208

Square

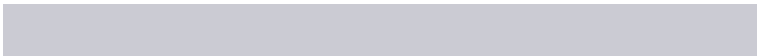
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.0086, 0.3184, 0.3385



60.0086, 0.3038, 0.3288



60.0086, 0.3070, 0.3197



60.0086, 0.3218, 0.3291

Rectangle

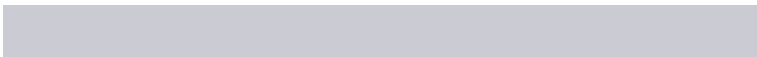
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.0086, 0.3184, 0.3385



60.0086, 0.3095, 0.3350



60.0086, 0.3070, 0.3197



60.0086, 0.3159, 0.3231

Sweetspot

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



60.0112, 0.3184, 0.3385



99.8320, 0.3142, 0.3314



56.2999, 0.3191, 0.3290



21.3699, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



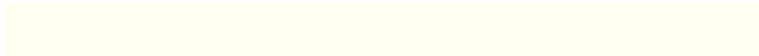
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0112, 0.3184, 0.3385



99.1814, 0.3200, 0.3413



59.4621, 0.3154, 0.3386



13.1662, 0.3209, 0.3426



35.0824, 0.4176, 0.5066



1.8118, 0.4179, 0.5063

Inverse Universe

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



55.5800, 0.3069, 0.3193



89.8175, 0.3052, 0.3165



56.1152, 0.3100, 0.3194



11.7868, 0.3043, 0.3150



2.7548, 0.1504, 0.0602



0.1441, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 60.0086, 0.3184, 0.3385 looks on a white background.

Color Contrast Check

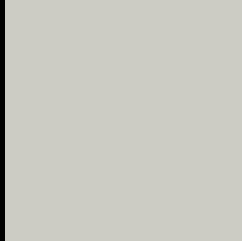
Large Text (above 18pt) WCAG AA × Fail

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 60.0086, 0.3184, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

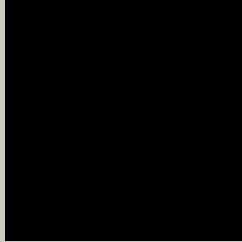
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

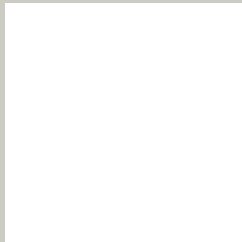
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0086, 0.3184, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 60.0086, 0.3184, 0.3385.



This preview shows how white text looks on a background with the Yxy color 60.0086, 0.3184, 0.3385.

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

60.0086, 0.3184, 0.3385

Protanopia

60.2073, 0.3232, 0.3384

Deuteranopia

59.9713, 0.3352, 0.3291



Tritanopia

60.0484, 0.3059, 0.3106

Trichromacy



Original Color

60.0086, 0.3184, 0.3385

Protanomaly

59.9174, 0.3216, 0.3384

Deuteranomaly

60.0915, 0.3284, 0.3325

Tritanomaly

59.9663, 0.3108, 0.3209

Monochromacy



Original Color

60.0086, 0.3184, 0.3385

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.5785, 0.3149, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0086, 0.3184, 0.3385 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, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 196)  
}
```

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, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 196) }
```

Border

The CSS property to change the border of an element to Yxy 60.0086, 0.3184, 0.3385 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, 204, 196) }
```

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

```
.border{ border-color:rgb(204, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0086, 0.3184, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 196) }
```

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

```
.background{ background-color: rgb(204,  
204, 196) }
```

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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