

Converting Colors

Yxy(53.2978, 0.3148, 0.3382)

Have a look what the booklet for
Yxy(53.2978, 0.3148, 0.3382)
contains.

Yxy(53.1186, 0.3147, 0.3377)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.1186, 0.3147, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	BEC2BB
RGB	190, 194, 187
RGB Percent	75%, 76%, 73%
CMY	0.2549, 0.2392, 0.2665
CMYK	0.02, 0.00, 0.04, 0.24
HSL	94°, 5%, 75%
HSV	94°, 4%, 76%
XYZ	49.5008, 53.1186, 54.6758
YIQ	192.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

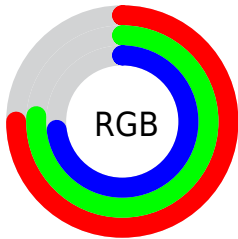
Format	Color
RYB	187, 194, 191
Decimal	12501691
CIELab	77.94, -2.66, 3.01
CIELCh	78, 4.011, 131.454
Yxy	53.1186, 0.3147, 0.3377
Android (android.graphics.Color)	4290691771 (0xFFBEC2BB)
YUV	192.0060, -2.4680, -1.7593
Hunter-Lab	72.8825, -6.3096, 6.5389

Details

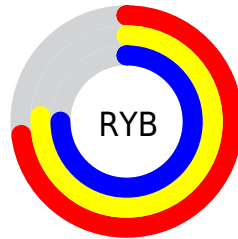
The Yxy color $53.1186, 0.3147, 0.3377$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.5295, 0.3107, 0.3203$, and the grayscale version is $52.7336, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.4351, 0.3143, 0.3359$, and $25.7958, 0.3155, 0.3391$ is the 20% darker color. If you saturate the color by 10%, you get $50.9679, 0.3202, 0.3635$, and if you desaturate by 10%, it is $55.4952, 0.3092, 0.3142$.

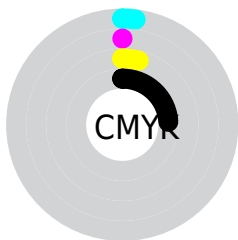
Distribution



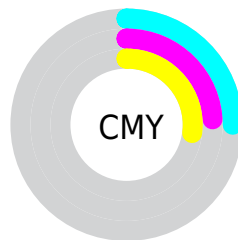
- Red (75%)
- Green (76%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (25%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1186, 0.3147, 0.3377 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 53.1186, 0.3147, 0.3377 by changing the saturation by 10% instead.


 53.1186, 0.3147,
0.3377

 53.1186, 0.3147,
0.3377


398.7400, 0.3137,
0.3334

 37.8975, 0.3149,
0.3387


 94.7789, 0.3144,
0.3362

 25.9031, 0.3152,
0.3401


121.9868, 0.3142,
0.3356

 16.7512, 0.3156,
0.3418

153.9591, 0.3141,
0.3351

 10.0572, 0.3161,
0.3442

191.0801, 0.3140,
0.3347

 5.4369, 0.3169,
0.3478

233.7343, 0.3139,
0.3343

 2.5058, 0.3180,
0.3535

282.3061, 0.3139,

 0.8796, 0.3216,

0.3340

0.3668

337.1799, 0.3138,
0.3337

0.0000, 0.0000,
0.0000

53.1186, 0.3147,
0.3377

53.1186, 0.3147,
0.3377

50.9679, 0.3202,
0.3635

55.4952, 0.3092,
0.3142

49.0295, 0.3255,
0.3916

58.0976, 0.3038,
0.2931

47.2984, 0.3303,
0.4213

60.9341, 0.2987,
0.2743

45.7667, 0.3343,
0.4520

63.3748, 0.3003,
0.2664

44.4263, 0.3371,
0.4824

65.3205, 0.3085,
0.2680

■ 43.2683, 0.3383,
0.5112

■ 67.0633, 0.3155,
0.2693

■ 42.2828, 0.3376,
0.5366

■ 41.4588, 0.3349,
0.5570

■ 40.7835, 0.3304,
0.5716

Harmonies

Analogous

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



53.1186, 0.3196, 0.3383



53.1186, 0.3147, 0.3377



53.1186, 0.3093, 0.3348

Triad

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



53.1186, 0.3147, 0.3377



53.1186, 0.3028, 0.3217



53.1186, 0.3207, 0.3277

Complementary

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



53.1186, 0.3147, 0.3377



50.5295, 0.3107, 0.3203

Split Complementary

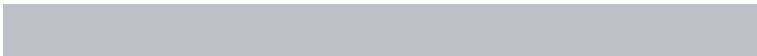
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.1186, 0.3161, 0.3234



53.1186, 0.3147, 0.3377



53.1186, 0.3058, 0.3199

Square

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



53.1186, 0.3147, 0.3377



53.1186, 0.3025, 0.3254



53.1186, 0.3107, 0.3205



53.1186, 0.3231, 0.3325

Rectangle

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



53.1186, 0.3147, 0.3377



53.1186, 0.3061, 0.3319



53.1186, 0.3107, 0.3205



53.1186, 0.3193, 0.3262

Sweetspot

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



53.1209, 0.3147, 0.3377



97.3112, 0.3133, 0.3314



52.3119, 0.3182, 0.3339



21.3147, 0.3132, 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.



53.1209, 0.3147, 0.3377



96.0490, 0.3150, 0.3389



52.7616, 0.3120, 0.3372



11.6908, 0.3153, 0.3404



26.6186, 0.3280, 0.5778



1.1907, 0.3461, 0.5634

Inverse Universe

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



50.5295, 0.3107, 0.3203



90.7524, 0.3104, 0.3192



50.8984, 0.3135, 0.3210



10.9489, 0.3100, 0.3176



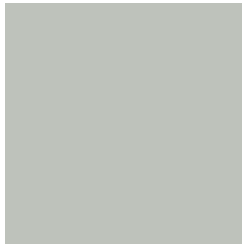
4.8382, 0.2182, 0.0976



0.2490, 0.2408, 0.1100

Previews

White Background



This preview shows how the Yxy color 53.1186, 0.3147, 0.3377 looks on a white background.

Color Contrast Check

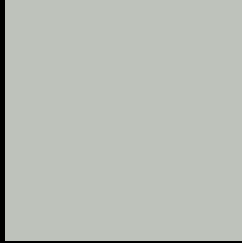
Large Text (above 18pt) WCAG AA × Fail

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 53.1186, 0.3147, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

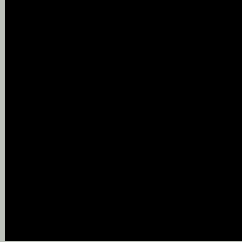
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

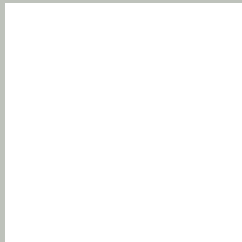
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1186, 0.3147, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 53.1186, 0.3147, 0.3377.



This preview shows how white text looks on a background with the Yxy color 53.1186, 0.3147, 0.3377.

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

53.1186, 0.3147, 0.3377

Protanopia

53.2502, 0.3222, 0.3364

Deuteranopia

52.9381, 0.3332, 0.3255



Tritanopia

53.0553, 0.3032, 0.3108

Trichromacy



Original Color

53.1186, 0.3147, 0.3377

Protanomaly

53.2872, 0.3196, 0.3377

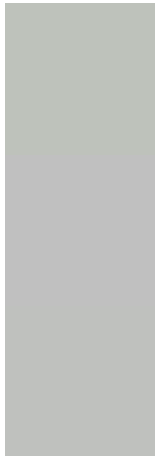
Deuteranomaly

53.0052, 0.3268, 0.3302

Tritanomaly

53.0293, 0.3075, 0.3204

Monochromacy



Original Color

53.1186, 0.3147, 0.3377

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9340, 0.3133, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1186, 0.3147, 0.3377 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, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 187)  
}
```

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, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.1186, 0.3147, 0.3377 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, 194, 187) }
```

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

```
.border{ border-color:rgb(190, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1186, 0.3147, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 187) }
```

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

```
.background{ background-color: rgb(190,  
194, 187) }
```

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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