

Converting Colors

$Y_{xy}(47.5180, 0.3128, 0.3277)$

Have a look what the booklet for
Yxy(47.5180, 0.3128, 0.3277)
contains.

| | |
|---|----|
| Yxy(47.5180, 0.3128, 0.3277) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 23 |
| Color Blindness Simulation | 26 |
| CSS Examples | 29 |

Color

Yxy(47.5180, 0.3128, 0.3277)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B8B7B8 |
| RGB | 184, 183, 184 |
| RGB Percent | 72%, 72%, 72% |
| CMY | 0.2783, 0.2824, 0.2784 |
| CMYK | 0.00, 0.01, 0.00, 0.28 |
| HSL | 302°, 1%, 72% |
| HSV | 302°, 1%, 72% |
| XYZ | 45.3574, 47.5180, 52.1291 |
| YIQ | 183.4130, 0.2750, 0.5230 |

Conversions

Conversions Part 2

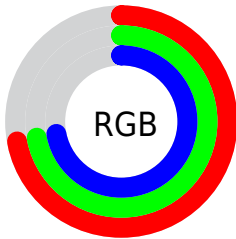
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 184, 183, 184 |
| Decimal | 12105656 |
| CIELab | 74.52, 0.55, -0.39 |
| CIELCh | 75, 0.679, 324.815 |
| Yxy | 47.5180, 0.3128, 0.3277 |
| Android (android.graphics.Color) | 4290295736 (0xFFB8B7B8) |
| YUV | 183.4130, 0.2894, 0.5148 |
| Hunter-Lab | 68.9333, -3.1820, 3.4167 |

Details

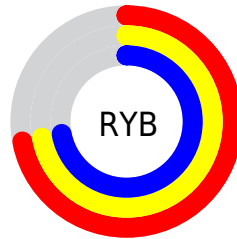
The Yxy color $47.5180, 0.3128, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.7798, 0.3126, 0.3303$, and the grayscale version is $47.5938, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.5495, 0.3128, 0.3280$, and $22.4293, 0.3128, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $40.3982, 0.3144, 0.3041$, and if you desaturate by 10%, it is $55.6346, 0.3114, 0.3503$.

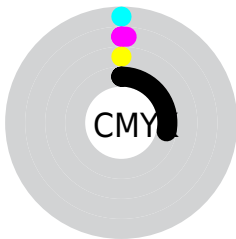
Distribution



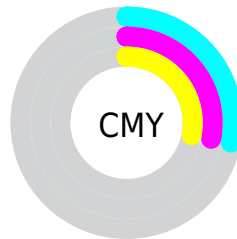
- Red (72%)
- Green (72%)
- Blue (72%)



- Red (72%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5180, 0.3128, 0.3277 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 47.5180, 0.3128, 0.3277 by changing the saturation by 10% instead.

■ 47.5180, 0.3128,
0.3277

■ 47.5180, 0.3128,
0.3277

376.8784, 0.3128,
0.3284

■ 33.4453, 0.3128,
0.3275

■ 86.4863, 0.3128,
0.3279

■ 22.4678, 0.3128,
0.3273

112.1508, 0.3128,
0.3280

■ 14.2011, 0.3128,
0.3270

142.4479, 0.3128,
0.3281

■ 8.2606, 0.3129,
0.3267

177.7622, 0.3128,
0.3282

■ 4.2622, 0.3129,
0.3261

218.4780, 0.3128,
0.3282

■ 1.8213, 0.3129,
0.3251

264.9797, 0.3128,


■ 0.5004, 0.3132,


0.3283

0.3204


317.6517, 0.3128,
0.3283

 0.0000, 0.0000,
0.0000

 47.5180, 0.3128,
0.3277


 47.5180, 0.3128,
0.3277


 40.3982, 0.3144,
0.3041


 55.6346, 0.3114,
0.3503


 34.2307, 0.3160,
0.2800


 64.7779, 0.3101,
0.3715


 28.9770, 0.3177,
0.2560

 74.9843, 0.3089,
0.3912

 24.5935, 0.3195,
0.2329

 85.2565, 0.3079,
0.4077

 21.0331, 0.3212,
0.2117

 85.2771, 0.3076,
0.4071

■ 18.2441, 0.3229,
0.1932

■ 85.2978, 0.3074,
0.4065

■ 16.1690, 0.3243,
0.1784

■ 85.3185, 0.3071,
0.4060

■ 14.7426, 0.3256,
0.1676

■ 85.3394, 0.3069,
0.4054

■ 13.8873, 0.3267,
0.1610

■ 85.3603, 0.3066,
0.4048

Harmonies

Analogous

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



47.5180, 0.3119, 0.3274



47.5180, 0.3128, 0.3277



47.5180, 0.3137, 0.3283

Triad

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



47.5180, 0.3128, 0.3277



47.5180, 0.3143, 0.3305



47.5180, 0.3111, 0.3289

Complementary

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



47.5180, 0.3128, 0.3277



47.7798, 0.3126, 0.3303

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.



47.5180, 0.3117, 0.3297



47.5180, 0.3128, 0.3277



47.5180, 0.3136, 0.3306

Square

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



47.5180, 0.3128, 0.3277



47.5180, 0.3146, 0.3300



47.5180, 0.3127, 0.3304



47.5180, 0.3109, 0.3281

Rectangle

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



47.5180, 0.3128, 0.3277



47.5180, 0.3142, 0.3289



47.5180, 0.3127, 0.3304



47.5180, 0.3113, 0.3291

Sweetspot

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



47.5200, 0.3128, 0.3277



86.8899, 0.3127, 0.3290



47.3961, 0.3119, 0.3277



18.7317, 0.3127, 0.3290



93.3107, 0.3127, 0.3290

Same Dimension

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



47.5200, 0.3128, 0.3277



85.4865, 0.3129, 0.3266



47.4988, 0.3132, 0.3284



10.4958, 0.3129, 0.3268



9.2724, 0.3275, 0.1578



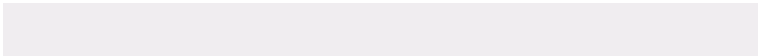
0.3282, 0.3257, 0.1568

Inverse Universe

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



47.5200, 0.3128, 0.3277



85.4865, 0.3129, 0.3266



47.8009, 0.3122, 0.3296



10.4958, 0.3129, 0.3268



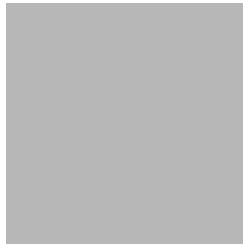
9.2724, 0.3275, 0.1578



0.3282, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 47.5180, 0.3128, 0.3277 looks on a white background.

Color Contrast Check

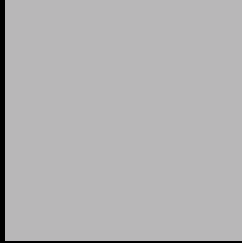
Large Text (above 18pt) WCAG AA × Fail

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 47.5180, 0.3128, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

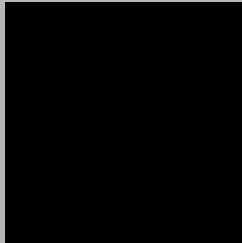
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

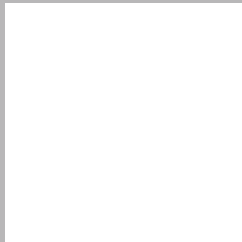
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5180, 0.3128, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 47.5180, 0.3128, 0.3277.

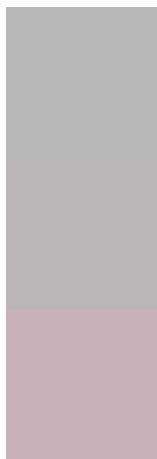


This preview shows how white text looks on a background with the Yxy color 47.5180, 0.3128, 0.3277.

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

47.5180, 0.3128, 0.3277

Protanopia

47.3557, 0.3145, 0.3264

Deuteranopia

47.2264, 0.3264, 0.3191



Tritanopia

47.4724, 0.3052, 0.3100

Trichromacy



Original Color

47.5180, 0.3128, 0.3277

Protanomaly

47.2309, 0.3137, 0.3264

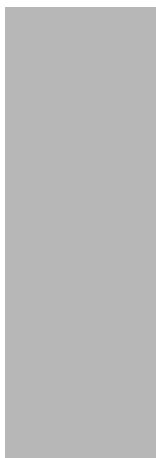
Deuteranomaly

47.2123, 0.3209, 0.3215

Tritanomaly

47.5760, 0.3074, 0.3162

Monochromacy



Original Color

47.5180, 0.3128, 0.3277

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3531, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5180, 0.3128, 0.3277 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(184, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 184)  
}
```

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(184, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.5180, 0.3128, 0.3277 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(184, 183, 184) }
```

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

```
.border{ border-color:rgb(184, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 183, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 183, 184); box-shadow:4px 4px 4px 4px rgb(184, 183, 184) }
```

Background

The CSS property to change the background color of an element to Yxy 47.5180, 0.3128, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 184) }
```

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

```
.background{ background-color: rgb(184,  
183, 184) }
```

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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