

Converting Colors

Yxy(48.2781, 0.3264, 0.3387)

Have a look what the booklet for
Yxy(48.2781, 0.3264, 0.3387)
contains.

Yxy(48.2080, 0.3260, 0.3380)	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(48.2080, 0.3260, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	C0B7B0
RGB	192, 183, 176
RGB Percent	75%, 72%, 69%
CMY	0.2473, 0.2823, 0.3098
CMYK	0.00, 0.05, 0.08, 0.25
HSL	26°, 11%, 72%
HSV	26°, 8%, 75%
XYZ	46.4965, 48.2080, 47.9227
YIQ	184.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

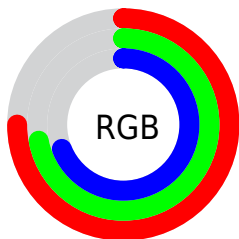
Format	Color
RYB	192, 188, 176
Decimal	12629936
CIELab	74.96, 1.92, 4.69
CIELCh	75, 5.065, 67.734
Yxy	48.2080, 0.3260, 0.3380
Android (android.graphics.Color)	4290820016 (0xFFC0B7B0)
YUV	184.8930, -4.3842, 6.2328
Hunter-Lab	69.4320, -1.9700, 7.6798

Details

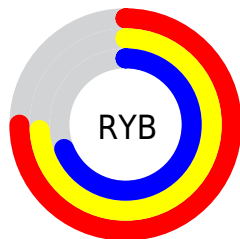
The Yxy color **48.2080, 0.3260, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6922, 0.3000, 0.3198**, and the grayscale version is **48.4717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5157, 0.3231, 0.3360**, and **22.9095, 0.3299, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **43.2429, 0.3442, 0.3494**, and if you desaturate by 10%, it is **53.6223, 0.3102, 0.3272**.

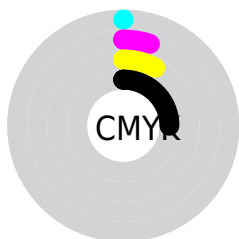
Distribution



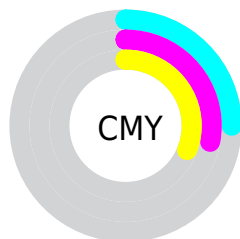
- Red (75%)
- Green (72%)
- Blue (69%)



- Red (75%)
- Yellow (74%)
- Blue (69%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (25%)




- Cyan (25%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2080, 0.3260, 0.3380 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 48.2080, 0.3260, 0.3380 by changing the saturation by 10% instead.

 48.2080, 0.3260,
0.3380

 48.2080, 0.3260,
0.3380


379.6160, 0.3194,
0.3336

 33.9916, 0.3276,
0.3391


 87.5140, 0.3236,
0.3364

 22.8872, 0.3298,
0.3405


113.3725, 0.3227,
0.3358

 14.5102, 0.3326,
0.3423

143.8804, 0.3219,
0.3353

 8.4764, 0.3365,
0.3449

179.4222, 0.3213,
0.3348

 4.4013, 0.3423,
0.3487

220.3822, 0.3207,
0.3345

 1.9005, 0.3520,
0.3548

267.1450, 0.3202,

 0.5487, 0.4099,

0.3341

0.3957

320.0948, 0.3198,
0.3338

0.0000, 0.0000,
0.0000

48.2080, 0.3260,
0.3380

48.2080, 0.3260,
0.3380

43.2429, 0.3442,
0.3494

53.6223, 0.3102,
0.3272

38.7088, 0.3652,
0.3613

59.4910, 0.2966,
0.3172

34.5952, 0.3890,
0.3732

65.8272, 0.2848,
0.3080

30.8889, 0.4155,
0.3845

72.6415, 0.2747,
0.2996

27.5758, 0.4444,
0.3944

78.8030, 0.2745,
0.3092

■ 24.6411, 0.4744,
0.4015

■ 85.1933, 0.2755,
0.3208

■ 22.0684, 0.5041,
0.4048

■ 89.9391, 0.2762,
0.3289

■ 19.8400, 0.5314,
0.4030

■ 17.9324, 0.5546,
0.3961

Harmonies

Analogous

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



48.2080, 0.3260, 0.3327



48.2080, 0.3260, 0.3380



48.2080, 0.3224, 0.3409

Triad

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



48.2080, 0.3260, 0.3380



48.2080, 0.3030, 0.3314



48.2080, 0.3092, 0.3177

Complementary

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



48.2080, 0.3260, 0.3380



47.6922, 0.3000, 0.3198

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.



48.2080, 0.3031, 0.3172



48.2080, 0.3260, 0.3380



48.2080, 0.2996, 0.3251

Square

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



48.2080, 0.3260, 0.3380



48.2080, 0.3091, 0.3371



48.2080, 0.2996, 0.3199



48.2080, 0.3163, 0.3211

Rectangle

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



48.2080, 0.3260, 0.3380



48.2080, 0.3184, 0.3411



48.2080, 0.2996, 0.3199



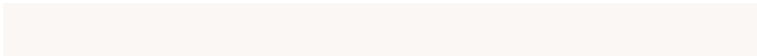
48.2080, 0.3070, 0.3172

Sweetspot

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



48.2101, 0.3260, 0.3380



93.4783, 0.3158, 0.3312



45.7498, 0.3193, 0.3175



20.0760, 0.3157, 0.3310



97.7402, 0.3127, 0.3290



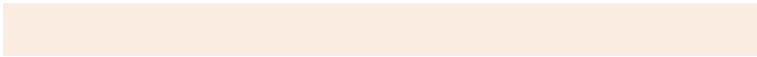
20.4902, 0.3127, 0.3290

Same Dimension

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



48.2101, 0.3260, 0.3380



85.6864, 0.3292, 0.3401



51.5425, 0.3250, 0.3478



10.7924, 0.3278, 0.3392



12.0258, 0.5563, 0.3965



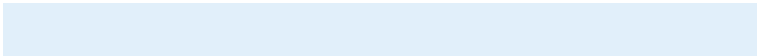
0.6567, 0.5182, 0.4267

Inverse Universe

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



47.6922, 0.3000, 0.3198



84.5527, 0.2972, 0.3177



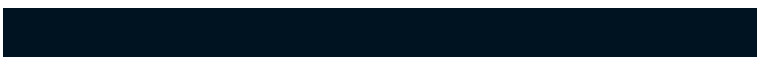
44.4976, 0.3000, 0.3095



10.6611, 0.2984, 0.3186



9.8426, 0.1832, 0.1796



0.5608, 0.1934, 0.2162

Previews

White Background



This preview shows how the Yxy color 48.2080, 0.3260, 0.3380 looks on a white background.

Color Contrast Check

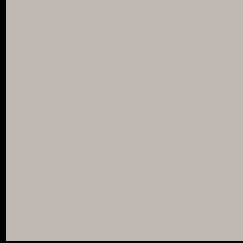
Large Text (above 18pt) WCAG AA × Fail

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 48.2080, 0.3260, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

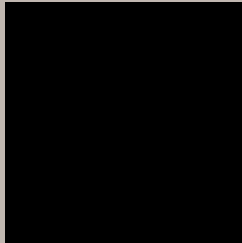
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

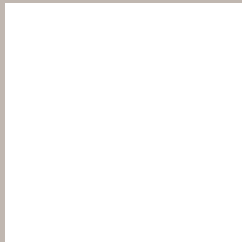
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2080, 0.3260, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 48.2080, 0.3260, 0.3380.

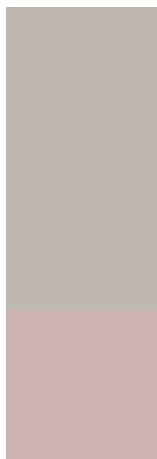


This preview shows how white text looks on a background with the Yxy color 48.2080, 0.3260, 0.3380.

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

48.2080, 0.3260, 0.3380

Protanopia

48.3627, 0.3242, 0.3393

Deuteranopia

47.9943, 0.3375, 0.3303



Tritanopia

48.1397, 0.3144, 0.3116

Trichromacy



Original Color

48.2080, 0.3260, 0.3380

Protanomaly

48.4919, 0.3251, 0.3392

Deuteranomaly

48.0962, 0.3327, 0.3328

Tritanomaly

48.1049, 0.3191, 0.3215

Monochromacy



Original Color

48.2080, 0.3260, 0.3380

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.3497, 0.3177, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2080, 0.3260, 0.3380 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(192, 183, 176)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 176)  
}
```

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(192, 183, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.2080, 0.3260, 0.3380 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(192, 183, 176) }
```

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

```
.border{ border-color:rgb(192, 183, 176) }
```

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

Here you see how a box with a 4 pixel rgb(192, 183, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 176);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2080, 0.3260, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 176) }
```

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

```
.background{ background-color: rgb(192,  
183, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor