

Converting Colors

$Yxy(45.0188, 0.3215, 0.3260)$

Have a look what the booklet for
Yxy(45.0188, 0.3215, 0.3260)
contains.

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Color

Yxy(44.9564, 0.3217, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	BCB0B2
RGB	188, 176, 178
RGB Percent	74%, 69%, 70%
CMY	0.2626, 0.3098, 0.3019
CMYK	0.00, 0.06, 0.05, 0.26
HSL	350°, 8%, 71%
HSV	350°, 6%, 74%
XYZ	44.3090, 44.9564, 48.4686
YIQ	179.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

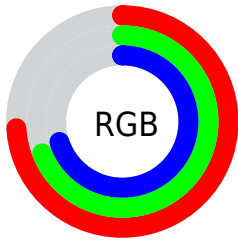
Format	Color
RYB	188, 176, 178
Decimal	12366002
CIELab	72.86, 4.66, 0.50
CIElCh	73, 4.689, 6.167
Yxy	44.9564, 0.3217, 0.3264
Android (android.graphics.Color)	4290556082 (0xFFBCB0B2)
YUV	179.8160, -0.8953, 7.1774
Hunter-Lab	67.0495, 0.6234, 4.0752

Details

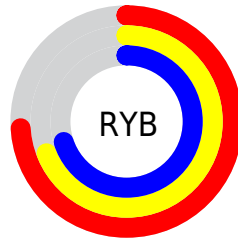
The Yxy color $44.9564, 0.3217, 0.3264$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.7597, 0.3044, 0.3316$, and the grayscale version is $45.5443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8868, 0.3196, 0.3270$, and $21.0469, 0.3250, 0.3273$ is the 20% darker color. If you saturate the color by 10%, you get $37.4953, 0.3384, 0.3221$, and if you desaturate by 10%, it is $53.5145, 0.3082, 0.3304$.

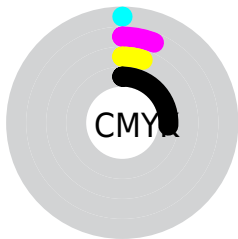
Distribution



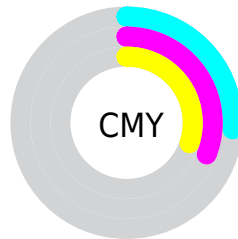
- Red (74%)
- Green (69%)
- Blue (70%)



- Red (74%)
- Yellow (69%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (26%)




- Cyan (26%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9564, 0.3217, 0.3264 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 44.9564, 0.3217, 0.3264 by changing the saturation by 10% instead.


 44.9564, 0.3217,
0.3264

 44.9564, 0.3217,
0.3264


366.5969, 0.3172,
0.3277

 31.4231, 0.3228,
0.3261


 82.6550, 0.3200,
0.3269

 20.9212, 0.3243,
0.3256


107.5890, 0.3194,
0.3271

 13.0664, 0.3263,
0.3250


137.0921, 0.3189,
0.3272

 7.4743, 0.3291,
0.3242

171.5487, 0.3185,
0.3274

 3.7605, 0.3333,
0.3229

211.3430, 0.3181,
0.3275

 1.5405, 0.3405,
0.3208

256.8596, 0.3177,

 0.3170, 0.3984,

0.3276

0.3042

308.4828, 0.3174,
0.3276

0.0000, 0.0000,
0.0000

44.9564, 0.3217,
0.3264

44.9564, 0.3217,
0.3264

37.4953, 0.3384,
0.3221

53.5145, 0.3082,
0.3304

31.0812, 0.3591,
0.3176

63.2054, 0.2973,
0.3341

25.6690, 0.3844,
0.3131

74.0705, 0.2884,
0.3374

21.2079, 0.4152,
0.3089

86.1472, 0.2811,
0.3404

17.6426, 0.4513,
0.3056

89.4369, 0.2742,
0.3289

■ 14.9124, 0.4919,
0.3039

■ 12.9486, 0.5344,
0.3045

■ 11.6718, 0.5742,
0.3081

■ 10.9783, 0.6061,
0.3145

Harmonies

Analogous

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



44.9564, 0.3157, 0.3213



44.9564, 0.3217, 0.3264



44.9564, 0.3252, 0.3322

Triad

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



44.9564, 0.3217, 0.3264



44.9564, 0.3163, 0.3401



44.9564, 0.3002, 0.3206

Complementary

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



44.9564, 0.3217, 0.3264



48.7597, 0.3044, 0.3316

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.



44.9564, 0.3004, 0.3256



44.9564, 0.3217, 0.3264



44.9564, 0.3096, 0.3369

Square

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



44.9564, 0.3217, 0.3264



44.9564, 0.3221, 0.3402



44.9564, 0.3038, 0.3316



44.9564, 0.3034, 0.3179

Rectangle

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



44.9564, 0.3217, 0.3264



44.9564, 0.3257, 0.3358



44.9564, 0.3038, 0.3316



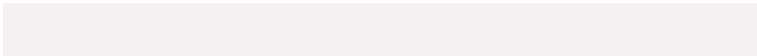
44.9564, 0.2999, 0.3220

Sweetspot

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



44.9584, 0.3217, 0.3264



87.9747, 0.3154, 0.3282



45.0975, 0.3115, 0.3135



18.9531, 0.3153, 0.3282



95.5105, 0.3127, 0.3290



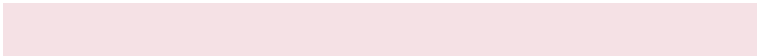
19.5994, 0.3127, 0.3290

Same Dimension

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



44.9584, 0.3217, 0.3264



78.9734, 0.3243, 0.3257



46.3955, 0.3230, 0.3340



9.5618, 0.3263, 0.3252



7.3564, 0.6131, 0.3151



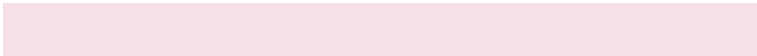
0.2964, 0.5526, 0.2818

Inverse Universe

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



44.9584, 0.3217, 0.3264



78.9734, 0.3243, 0.3257



47.2366, 0.3030, 0.3240



9.5618, 0.3263, 0.3252



7.3564, 0.6131, 0.3151



0.2964, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 44.9564, 0.3217, 0.3264 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 44.9564, 0.3217, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

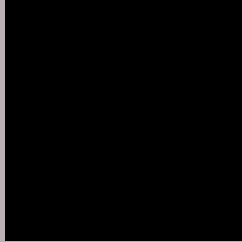
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9564, 0.3217, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 44.9564, 0.3217, 0.3264.



This preview shows how white text looks on a background with the Yxy color 44.9564, 0.3217, 0.3264.

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

44.9564, 0.3217, 0.3264

Protanopia

45.0405, 0.3154, 0.3277

Deuteranopia

44.8776, 0.3284, 0.3214



Tritanopia

44.8501, 0.3153, 0.3112

Trichromacy



Original Color

44.9564, 0.3217, 0.3264

Protanomaly

44.8893, 0.3172, 0.3264

Deuteranomaly

44.8642, 0.3255, 0.3226

Tritanomaly

44.9395, 0.3177, 0.3175

Monochromacy



Original Color

44.9564, 0.3217, 0.3264

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.5622, 0.3162, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9564, 0.3217, 0.3264 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(188, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 178)  
}
```

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(188, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.9564, 0.3217, 0.3264 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(188, 176, 178) }
```

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

```
.border{ border-color:rgb(188, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(188, 176,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9564, 0.3217, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 178) }
```

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

```
.background{ background-color: rgb(188,  
176, 178) }
```

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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