

Converting Colors

$Yxy(45.9066, 0.3311, 0.3401)$

Have a look what the booklet for
Yxy(45.9066, 0.3311, 0.3401)
contains.

Yxy(45.8194, 0.3308, 0.3394)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.8194, 0.3308, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	BFB2AA
RGB	191, 178, 170
RGB Percent	75%, 70%, 67%
CMY	0.2511, 0.3019, 0.3333
CMYK	0.00, 0.07, 0.11, 0.25
HSL	23°, 14%, 71%
HSV	23°, 11%, 75%
XYZ	44.6584, 45.8194, 44.5234
YIQ	180.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

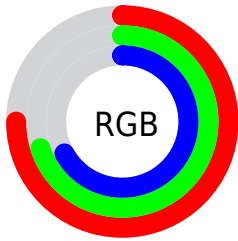
Format	Color
RYB	191, 183, 170
Decimal	12563114
CIELab	73.43, 3.24, 5.74
CIELCh	73, 6.592, 60.531
Yxy	45.8194, 0.3308, 0.3394
Android (android.graphics.Color)	4290753194 (0xFFBFB2AA)
YUV	180.9750, -5.4107, 8.7919
Hunter-Lab	67.6900, -0.6925, 8.3848

Details

The Yxy color **45.8194, 0.3308, 0.3394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.1645, 0.2959, 0.3184**, and the grayscale version is **46.2197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0560, 0.3273, 0.3381**, and **21.2936, 0.3355, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **40.6509, 0.3502, 0.3495**, and if you desaturate by 10%, it is **51.5016, 0.3142, 0.3299**.

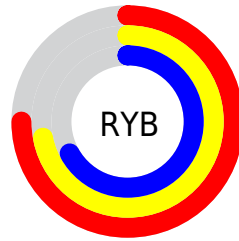
Distribution



Red (75%)

Green (70%)

Blue (67%)



Red (75%)

Yellow (72%)

Blue (67%)

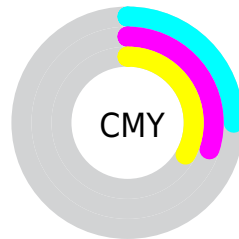


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (25%)



Cyan (25%)


Magenta (30%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8194, 0.3308, 0.3394 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 45.8194, 0.3308, 0.3394 by changing the saturation by 10% instead.

 45.8194, 0.3308,
0.3394

 45.8194, 0.3308,
0.3394


370.0821, 0.3217,
0.3342

 32.1033, 0.3331,
0.3407


 83.9486, 0.3275,
0.3375

 21.4404, 0.3360,
0.3423


109.1306, 0.3262,
0.3368

 13.4463, 0.3400,
0.3445


138.9033, 0.3252,
0.3362

 7.7366, 0.3456,
0.3475

173.6512, 0.3243,
0.3357

 3.9269, 0.3540,
0.3519

213.7586, 0.3235,
0.3353

 1.6327, 0.3682,
0.3591

259.6100, 0.3228,

 0.3795, 0.5291,

0.3349

0.4565

311.5897, 0.3222,
0.3345

0.0000, 0.0000,
0.0000

45.8194, 0.3308,
0.3394

45.8194, 0.3308,
0.3394

40.6509, 0.3502,
0.3495

51.5016, 0.3142,
0.3299

35.9753, 0.3726,
0.3599

57.7053, 0.3000,
0.3211

31.7794, 0.3984,
0.3702

64.4462, 0.2879,
0.3129

28.0467, 0.4274,
0.3797

71.7371, 0.2775,
0.3055

24.7601, 0.4590,
0.3875

78.8958, 0.2740,
0.3095

■ 21.9012, 0.4920,
0.3925

■ 85.9633, 0.2751,
0.3224

■ 19.4497, 0.5242,
0.3932

■ 89.8137, 0.2757,
0.3289

■ 17.3836, 0.5531,
0.3889

■ 15.8237, 0.5752,
0.3815

Harmonies

Analogous

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



45.8194, 0.3297, 0.3319



45.8194, 0.3308, 0.3394



45.8194, 0.3270, 0.3442

Triad

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



45.8194, 0.3308, 0.3394



45.8194, 0.3016, 0.3342



45.8194, 0.3059, 0.3136

Complementary

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



45.8194, 0.3308, 0.3394



46.1645, 0.2959, 0.3184

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.



45.8194, 0.2985, 0.3139



45.8194, 0.3308, 0.3394



45.8194, 0.2961, 0.3257

Square

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



45.8194, 0.3308, 0.3394



45.8194, 0.3101, 0.3413



45.8194, 0.2950, 0.3183



45.8194, 0.3152, 0.3172

Rectangle

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



45.8194, 0.3308, 0.3394



45.8194, 0.3223, 0.3452



45.8194, 0.2950, 0.3183



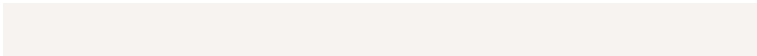
45.8194, 0.3031, 0.3132

Sweetspot

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



45.8214, 0.3308, 0.3394



90.0834, 0.3174, 0.3318



43.2568, 0.3205, 0.3120



19.5957, 0.3187, 0.3326



97.7402, 0.3127, 0.3290



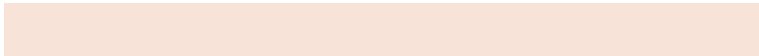
20.4902, 0.3127, 0.3290

Same Dimension

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



45.8214, 0.3308, 0.3394



79.9477, 0.3349, 0.3416



50.0210, 0.3293, 0.3522



10.1172, 0.3279, 0.3378



10.5464, 0.5728, 0.3834



0.5403, 0.5279, 0.4190

Inverse Universe

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



46.1645, 0.2959, 0.3184



80.6750, 0.2925, 0.3161



42.1194, 0.2957, 0.3046



10.1811, 0.2984, 0.3200



11.1632, 0.1890, 0.2005



0.5599, 0.1985, 0.2347

Previews

White Background



This preview shows how the Yxy color 45.8194, 0.3308, 0.3394 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 45.8194, 0.3308, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

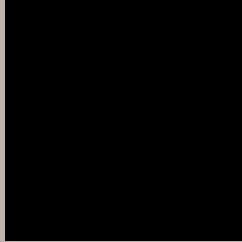
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8194, 0.3308, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 45.8194, 0.3308, 0.3394.



This preview shows how white text looks on a background with the Yxy color 45.8194, 0.3308, 0.3394.

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

45.8194, 0.3308, 0.3394

Protanopia

46.0219, 0.3252, 0.3408

Deuteranopia

45.6299, 0.3397, 0.3329



Tritanopia

45.8034, 0.3179, 0.3114

Trichromacy



Original Color

45.8194, 0.3308, 0.3394

Protanomaly

45.8718, 0.3272, 0.3395

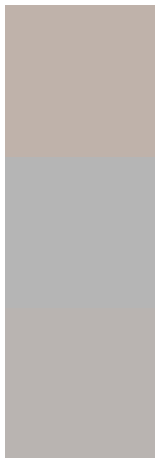
Deuteranomaly

45.4705, 0.3359, 0.3342

Tritanomaly

45.7655, 0.3228, 0.3214

Monochromacy



Original Color

45.8194, 0.3308, 0.3394

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.1311, 0.3195, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8194, 0.3308, 0.3394 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(191, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 170)  
}
```

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(191, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 45.8194, 0.3308, 0.3394 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(191, 178, 170) }
```

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

```
.border{ border-color:rgb(191, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8194, 0.3308, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 170) }
```

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

```
.background{ background-color: rgb(191,  
178, 170) }
```

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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