

Converting Colors

$Yxy(45.1247, 0.3092, 0.3329)$

Have a look what the booklet for
Yxy(45.1247, 0.3092, 0.3329)
contains.

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Color

Yxy(45.2608, 0.3091, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	AEB5B2
RGB	174, 181, 178
RGB Percent	68%, 71%, 70%
CMY	0.3177, 0.2902, 0.3019
CMYK	0.04, 0.00, 0.02, 0.29
HSL	154°, 5%, 70%
HSV	154°, 4%, 71%
XYZ	42.0124, 45.2608, 48.6452
YIQ	178.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

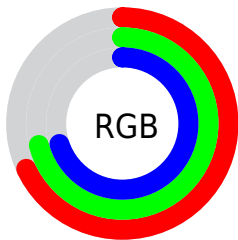
Format	Color
RYB	174, 178, 181
Decimal	11449778
CIELab	73.06, -3.02, 0.66
CIELCh	73, 3.090, 167.600
Yxy	45.2608, 0.3091, 0.3330
Android (android.graphics.Color)	4289639858 (0xFFAEB5B2)
YUV	178.5650, -0.2785, -4.0035
Hunter-Lab	67.2761, -6.2643, 4.2227

Details

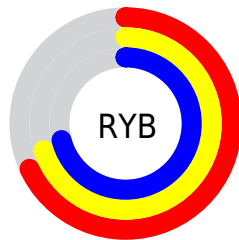
The Yxy color **45.2608, 0.3091, 0.3330** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.2628, 0.3165, 0.3250**, and the grayscale version is **44.8383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1669, 0.3093, 0.3321**, and **21.0566, 0.3090, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **43.0204, 0.2999, 0.3441**, and if you desaturate by 10%, it is **47.8027, 0.3184, 0.3231**.

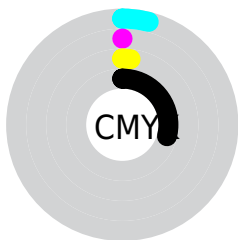
Distribution



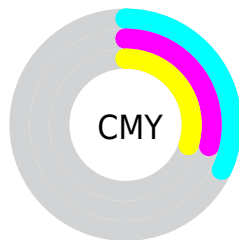
- Red (68%)
- Green (71%)
- Blue (70%)



- Red (68%)
- Yellow (70%)
- Blue (71%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (32%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2608, 0.3091, 0.3330 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 45.2608, 0.3091, 0.3330 by changing the saturation by 10% instead.

■ 45.2608, 0.3091,
0.3330

■ 45.2608, 0.3091,
0.3330

367.8288, 0.3109,
0.3310

■ 31.6629, 0.3086,
0.3335

■ 83.1116, 0.3098,
0.3323

■ 21.1041, 0.3080,
0.3342

108.1334, 0.3100,
0.3320

■ 13.2002, 0.3073,
0.3350

137.7318, 0.3102,
0.3318

■ 7.5665, 0.3061,
0.3363

172.2914, 0.3104,
0.3316

■ 3.8188, 0.3044,
0.3382

212.1965, 0.3106,
0.3314

■ 1.5728, 0.3016,
0.3413

257.8315, 0.3107,

■ 0.3391, 0.2731,

0.3312

0.3724

309.5808, 0.3108,
0.3311

0.0000, 0.0000,
0.0000

45.2608, 0.3091,
0.3330

45.2608, 0.3091,
0.3330

43.0204, 0.2999,
0.3441

47.8027, 0.3184,
0.3231

41.0644, 0.2911,
0.3564

50.6510, 0.3278,
0.3142

39.3824, 0.2830,
0.3699

53.8180, 0.3369,
0.3064

37.9614, 0.2758,
0.3845

57.3134, 0.3458,
0.2996

36.7873, 0.2699,
0.4000

59.3031, 0.3465,
0.2926

■ 35.8445, 0.2655,
0.4162

■ 59.7139, 0.3401,
0.2850

■ 35.1156, 0.2630,
0.4327

■ 60.1437, 0.3338,
0.2775

■ 34.5807, 0.2624,
0.4493

■ 60.5929, 0.3277,
0.2703

■ 34.2158, 0.2639,
0.4655

■ 61.0616, 0.3217,
0.2632

Harmonies

Analogous

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



45.2608, 0.3134, 0.3357



45.2608, 0.3091, 0.3330



45.2608, 0.3058, 0.3292

Triad

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



45.2608, 0.3091, 0.3330



45.2608, 0.3078, 0.3215



45.2608, 0.3213, 0.3326

Complementary

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



45.2608, 0.3091, 0.3330



43.2628, 0.3165, 0.3250

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.



45.2608, 0.3197, 0.3288



45.2608, 0.3091, 0.3330



45.2608, 0.3120, 0.3224

Square

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



45.2608, 0.3091, 0.3330



45.2608, 0.3050, 0.3226



45.2608, 0.3163, 0.3251



45.2608, 0.3205, 0.3354

Rectangle

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



45.2608, 0.3091, 0.3330



45.2608, 0.3045, 0.3266



45.2608, 0.3163, 0.3251



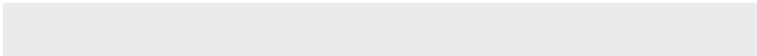
45.2608, 0.3210, 0.3313

Sweetspot

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



45.2627, 0.3091, 0.3330



82.3037, 0.3118, 0.3300



45.4571, 0.3149, 0.3384



17.7940, 0.3118, 0.3300



91.1408, 0.3127, 0.3290



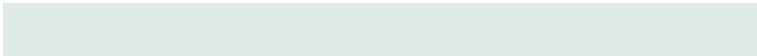
17.8868, 0.3127, 0.3290

Same Dimension

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



45.2627, 0.3091, 0.3330



80.5455, 0.3080, 0.3343



45.1943, 0.3068, 0.3284



9.7539, 0.3075, 0.3348



23.4818, 0.2648, 0.4732



0.7502, 0.2523, 0.4284

Inverse Universe

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



43.2628, 0.3165, 0.3250



75.8947, 0.3177, 0.3238



43.3258, 0.3189, 0.3296



9.1354, 0.3182, 0.3233



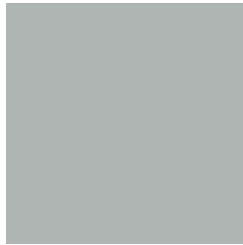
7.1577, 0.5233, 0.2656



0.2370, 0.4531, 0.2270

Previews

White Background



This preview shows how the Yxy color 45.2608, 0.3091, 0.3330 looks on a white background.

Color Contrast Check

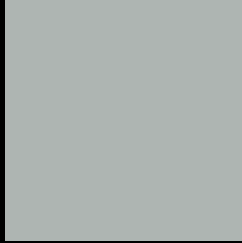
Large Text (above 18pt) WCAG AA × Fail

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 45.2608, 0.3091, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

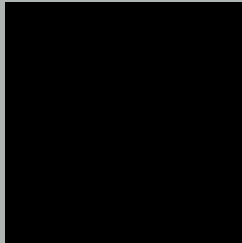
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

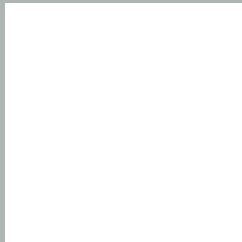
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2608, 0.3091, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 45.2608, 0.3091, 0.3330.



This preview shows how white text looks on a background with the Yxy color 45.2608, 0.3091, 0.3330.

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

45.2608, 0.3091, 0.3330

Protanopia

45.0824, 0.3179, 0.3303

Deuteranopia

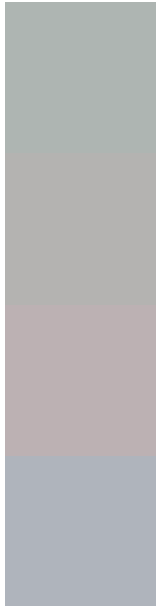
45.3032, 0.3274, 0.3214



Tritanopia

45.3206, 0.2992, 0.3107

Trichromacy



Original Color

45.2608, 0.3091, 0.3330

Protanomaly

45.1178, 0.3152, 0.3317

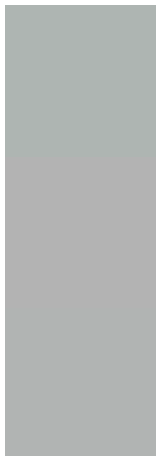
Deuteranomaly

45.3903, 0.3207, 0.3264

Tritanomaly

45.3873, 0.3022, 0.3184

Monochromacy



Original Color

45.2608, 0.3091, 0.3330

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2443, 0.3109, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2608, 0.3091, 0.3330 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(174, 181, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 181, 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(174, 181, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 181, 178) }
```

Border

The CSS property to change the border of an element to Yxy 45.2608, 0.3091, 0.3330 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(174, 181, 178) }
```

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

```
.border{ border-color:rgb(174, 181, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 181, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 181, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 181, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 181,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2608, 0.3091, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 181, 178) }
```

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

```
.background{ background-color: rgb(174,  
181, 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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