

Converting Colors

$Y_{xy}(44.2899, 0.3092, 0.3299)$

Have a look what the booklet for
Yxy(44.2899, 0.3092, 0.3299)
contains.

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Color

Yxy(44.4532, 0.3092, 0.3303)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AEB3B2 |
| RGB | 174, 179, 178 |
| RGB Percent | 68%, 70%, 70% |
| CMY | 0.3176, 0.2980, 0.3019 |
| CMYK | 0.03, 0.00, 0.01, 0.30 |
| HSL | 168°, 3%, 69% |
| HSV | 168°, 3%, 70% |
| XYZ | 41.6135, 44.4532, 48.5176 |
| YIQ | 177.3910, -2.6590, -1.3710 |

Conversions

Conversions Part 2

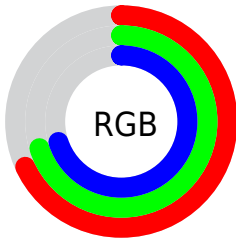
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 174, 177, 179 |
| Decimal | 11449266 |
| CIELab | 72.53, -1.93, -0.12 |
| CIELCh | 73, 1.934, 183.601 |
| Yxy | 44.4532, 0.3092, 0.3303 |
| Android (android.graphics.Color) | 4289639346 (0xFFFAEB3B2) |
| YUV | 177.3910, 0.3002, -2.9739 |
| Hunter-Lab | 66.6732, -5.2691, 3.5263 |

Details

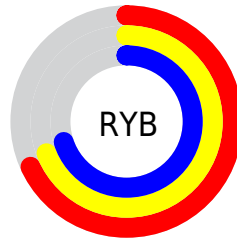
The Yxy color **44.4532, 0.3092, 0.3303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9515, 0.3164, 0.3277**, and the grayscale version is **44.1838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0152, 0.3093, 0.3300**, and **20.5400, 0.3091, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **42.3952, 0.2969, 0.3353**, and if you desaturate by 10%, it is **46.7926, 0.3219, 0.3258**.

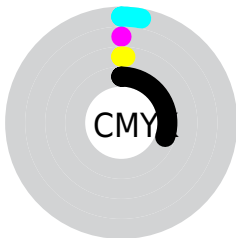
Distribution



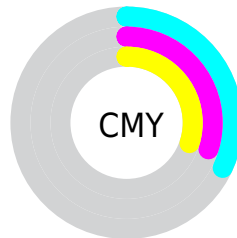
- Red (68%)
- Green (70%)
- Blue (70%)



- Red (68%)
- Yellow (69%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4532, 0.3092, 0.3303 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 44.4532, 0.3092, 0.3303 by changing the saturation by 10% instead.

■ 44.4532, 0.3092,
0.3303

■ 44.4532, 0.3092,
0.3303

364.5545, 0.3110,
0.3297

■ 31.0270, 0.3088,
0.3305

■ 81.8993, 0.3098,
0.3301

■ 20.6194, 0.3082,
0.3307

106.6879, 0.3101,
0.3300

■ 12.8461, 0.3074,
0.3310

136.0327, 0.3103,
0.3299

■ 7.3226, 0.3063,
0.3313

170.3182, 0.3105,
0.3298

■ 3.6647, 0.3046,
0.3319

209.9287, 0.3106,
0.3298

■ 1.4878, 0.3018,
0.3330

255.2487, 0.3108,

■ 0.2801, 0.2696,

0.3297

0.3447

306.6625, 0.3109,
0.3297

0.0000, 0.0000,
0.0000

44.4532, 0.3092,
0.3303

44.4532, 0.3092,
0.3303

42.3952, 0.2969,
0.3353

46.7926, 0.3219,
0.3258

40.6020, 0.2852,
0.3407

49.4179, 0.3347,
0.3218

39.0642, 0.2744,
0.3466

52.3406, 0.3475,
0.3182

37.7694, 0.2648,
0.3529

55.5700, 0.3601,
0.3151

36.7041, 0.2567,
0.3595

57.4662, 0.3651,
0.3119

■ 35.8539, 0.2503,
0.3664

■ 57.6273, 0.3620,
0.3083

■ 35.2021, 0.2457,
0.3734

■ 57.7921, 0.3590,
0.3047

■ 34.7301, 0.2430,
0.3804

■ 57.9608, 0.3559,
0.3011

■ 34.4154, 0.2422,
0.3875

■ 58.1332, 0.3529,
0.2976

Harmonies

Analogous

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



44.4532, 0.3117, 0.3324



44.4532, 0.3092, 0.3303



44.4532, 0.3077, 0.3278

Triad

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



44.4532, 0.3092, 0.3303



44.4532, 0.3110, 0.3244



44.4532, 0.3180, 0.3323

Complementary

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



44.4532, 0.3092, 0.3303



42.9515, 0.3164, 0.3277

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.



44.4532, 0.3178, 0.3302



44.4532, 0.3092, 0.3303



44.4532, 0.3138, 0.3256

Square

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



44.4532, 0.3092, 0.3303



44.4532, 0.3087, 0.3245



44.4532, 0.3163, 0.3277



44.4532, 0.3168, 0.3336

Rectangle

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



44.4532, 0.3092, 0.3303



44.4532, 0.3074, 0.3263



44.4532, 0.3163, 0.3277



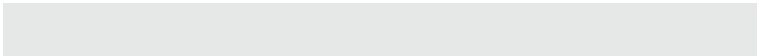
44.4532, 0.3181, 0.3317

Sweetspot

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



44.4551, 0.3092, 0.3303



80.3229, 0.3114, 0.3295



44.4112, 0.3133, 0.3357



17.8003, 0.3115, 0.3294



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.



44.4551, 0.3092, 0.3303



79.5150, 0.3089, 0.3304



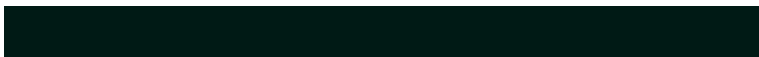
43.8967, 0.3085, 0.3270



9.8635, 0.3080, 0.3307



24.2132, 0.2421, 0.3917



0.7692, 0.2367, 0.3722

Inverse Universe

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



42.9515, 0.3164, 0.3277



76.5783, 0.3167, 0.3276



43.4959, 0.3170, 0.3310



9.4188, 0.3176, 0.3273



6.8659, 0.6055, 0.3109



0.2240, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 44.4532, 0.3092, 0.3303 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 44.4532, 0.3092, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

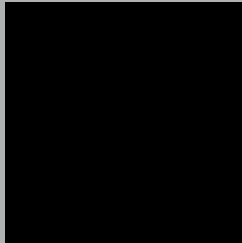
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

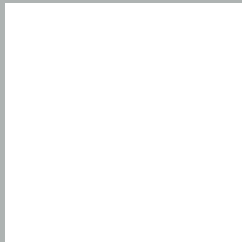
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4532, 0.3092, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 44.4532, 0.3092, 0.3303.



This preview shows how white text looks on a background with the Yxy color 44.4532, 0.3092, 0.3303.

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

44.4532, 0.3092, 0.3303

Protanopia

44.4424, 0.3162, 0.3290

Deuteranopia

44.2291, 0.3267, 0.3201



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.4532, 0.3092, 0.3303

Protanomaly

44.4801, 0.3135, 0.3303

Deuteranomaly

44.4794, 0.3200, 0.3238

Tritanomaly

44.4999, 0.3038, 0.3184

Monochromacy



Original Color

44.4532, 0.3092, 0.3303

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2452, 0.3118, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4532, 0.3092, 0.3303 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, 179, 178)` looks like.

```
.text, #text, p{  
    color:rgb(174, 179, 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, 179, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 179, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.4532, 0.3092, 0.3303 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, 179, 178) }
```

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

```
.border{ border-color:rgb(174, 179, 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, 179, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 179, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 179, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 179,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4532, 0.3092, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 179, 178) }
```

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

```
.background{ background-color: rgb(174,  
179, 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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