

Converting Colors

$Yxy(41.2678, 0.3183, 0.3366)$

Have a look what the booklet for
Yxy(41.2678, 0.3183, 0.3366)
contains.

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Color

Yxy(41.1793, 0.3178, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	ADACA7
RGB	173, 172, 167
RGB Percent	68%, 67%, 65%
CMY	0.3216, 0.3255, 0.3451
CMYK	0.00, 0.01, 0.03, 0.32
HSL	50°, 4%, 67%
HSV	50°, 3%, 68%
XYZ	38.9603, 41.1793, 42.4543
YIQ	171.7290, 2.2010, -1.3430

Conversions

Conversions Part 2

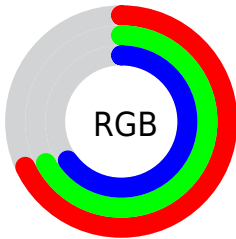
Format	Color
RYB	168, 173, 167
Decimal	11381927
CIELab	70.30, -0.57, 2.68
CIELCh	70, 2.744, 101.969
Yxy	41.1793, 0.3178, 0.3359
Android (android.graphics.Color)	4289572007 (0xFFADACA7)
YUV	171.7290, -2.3314, 1.1147
Hunter-Lab	64.1711, -3.9263, 5.6947

Details

The Yxy color **41.1793, 0.3178, 0.3359** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2349, 0.3076, 0.3220**, and the grayscale version is **41.1226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7061, 0.3166, 0.3343**, and **18.7357, 0.3198, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **39.5071, 0.3332, 0.3564**, and if you desaturate by 10%, it is **42.9640, 0.3035, 0.3163**.

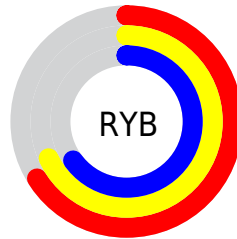
Distribution



Red (68%)

Green (67%)

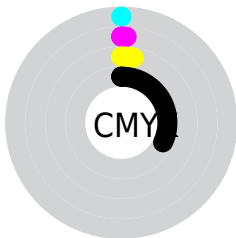
Blue (65%)



Red (66%)

Yellow (68%)

Blue (65%)

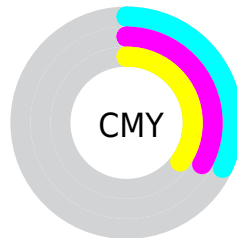


Cyan (0%)

Magenta (1%)

Yellow (3%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1793, 0.3178, 0.3359 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 41.1793, 0.3178, 0.3359 by changing the saturation by 10% instead.

■ 41.1793, 0.3178,
0.3359

■ 41.1793, 0.3178,
0.3359

351.0694, 0.3152,
0.3324

■ 28.4592, 0.3185,
0.3368

■ 76.9560, 0.3168,
0.3346

■ 18.6721, 0.3193,
0.3380

■ 100.7814, 0.3165,
0.3341

■ 11.4336, 0.3205,
0.3396

129.0774, 0.3162,
0.3337

■ 6.3593, 0.3222,
0.3419

162.2283, 0.3159,
0.3334

■ 3.0647, 0.3248,
0.3454

200.6186, 0.3157,
0.3331

■ 1.1656, 0.3293,
0.3517

244.6326, 0.3155,

■ 0.0334, 0.3482,

0.3328

0.6518

294.6547, 0.3154,
0.3326

0.0000, 0.0000,
0.0000

41.1793, 0.3178,
0.3359

41.1793, 0.3178,
0.3359

39.5071, 0.3332,
0.3564

42.9640, 0.3035,
0.3163

37.9387, 0.3494,
0.3775

44.8593, 0.2903,
0.2980

36.4719, 0.3662,
0.3986

46.8701, 0.2783,
0.2809

35.1029, 0.3831,
0.4189

48.9993, 0.2675,
0.2652

33.8273, 0.3995,
0.4376

51.2500, 0.2577,
0.2508

■ 32.6403, 0.4147,
0.4538

■ 52.5651, 0.2573,
0.2527

■ 31.5367, 0.4281,
0.4663

■ 53.8081, 0.2577,
0.2561

■ 30.5104, 0.4391,
0.4747

■ 55.0756, 0.2581,
0.2596

■ 29.5541, 0.4473,
0.4786

■ 56.3675, 0.2585,
0.2630

Harmonies

Analogous

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



41.1793, 0.3201, 0.3345



41.1793, 0.3178, 0.3359



41.1793, 0.3141, 0.3354

Triad

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



41.1793, 0.3178, 0.3359



41.1793, 0.3051, 0.3263



41.1793, 0.3153, 0.3249

Complementary

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



41.1793, 0.3178, 0.3359



39.2349, 0.3076, 0.3220

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.



41.1793, 0.3113, 0.3227



41.1793, 0.3178, 0.3359



41.1793, 0.3054, 0.3235

Square

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



41.1793, 0.3178, 0.3359



41.1793, 0.3068, 0.3299



41.1793, 0.3076, 0.3222



41.1793, 0.3187, 0.3281

Rectangle

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



41.1793, 0.3178, 0.3359



41.1793, 0.3114, 0.3341



41.1793, 0.3076, 0.3222



41.1793, 0.3140, 0.3240

Sweetspot

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



41.1811, 0.3178, 0.3359



74.5206, 0.3142, 0.3310



39.3489, 0.3174, 0.3276



16.1989, 0.3141, 0.3309



86.8899, 0.3127, 0.3290



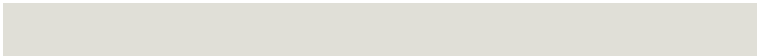
16.2647, 0.3127, 0.3290

Same Dimension

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



41.1811, 0.3178, 0.3359



73.5705, 0.3187, 0.3371



41.3334, 0.3159, 0.3373



9.2796, 0.3196, 0.3383



21.3451, 0.4512, 0.4799



0.6527, 0.4401, 0.4887

Inverse Universe

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



39.2349, 0.3076, 0.3220



69.4926, 0.3067, 0.3208



39.0899, 0.3095, 0.3207



8.6924, 0.3058, 0.3195



2.9056, 0.1545, 0.0763



0.1440, 0.1677, 0.1236

Previews

White Background



This preview shows how the Yxy color 41.1793, 0.3178, 0.3359 looks on a white background.

Color Contrast Check

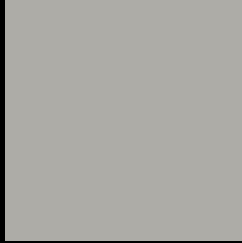
Large Text (above 18pt) WCAG AA × Fail

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 41.1793, 0.3178, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

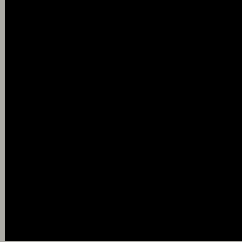
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

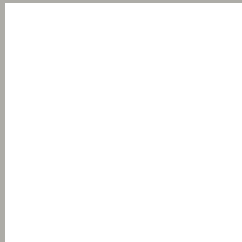
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1793, 0.3178, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 41.1793, 0.3178, 0.3359.



This preview shows how white text looks on a background with the Yxy color 41.1793, 0.3178, 0.3359.

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

41.1793, 0.3178, 0.3359

Protanopia

41.1091, 0.3215, 0.3359

Deuteranopia

41.0467, 0.3335, 0.3264



Tritanopia

41.2823, 0.3064, 0.3115

Trichromacy



Original Color

41.1793, 0.3178, 0.3359

Protanomaly

40.9930, 0.3206, 0.3359

Deuteranomaly

41.0228, 0.3276, 0.3290

Tritanomaly

41.2988, 0.3104, 0.3209

Monochromacy



Original Color

41.1793, 0.3178, 0.3359

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1780, 0.3144, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1793, 0.3178, 0.3359 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(173, 172, 167)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 167)  
}
```

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(173, 172, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 167) }
```

Border

The CSS property to change the border of an element to Yxy 41.1793, 0.3178, 0.3359 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(173, 172, 167) }
```

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

```
.border{ border-color:rgb(173, 172, 167) }
```

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

Here you see how a box with a 4 pixel rgb(173, 172, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 167);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1793, 0.3178, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 167) }
```

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

```
.background{ background-color: rgb(173,  
172, 167) }
```

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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