

Converting Colors

$Y_{xy}(52.6790, 0.3270, 0.3460)$

Have a look what the booklet for
Yxy(52.6790, 0.3270, 0.3460)
contains.

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Color

Yxy(52.7839, 0.3276, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	C5C0B2
RGB	197, 192, 178
RGB Percent	77%, 75%, 70%
CMY	0.2273, 0.2471, 0.3020
CMYK	0.00, 0.03, 0.10, 0.23
HSL	44°, 14%, 74%
HSV	44°, 10%, 77%
XYZ	49.9192, 52.7839, 49.6754
YIQ	191.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

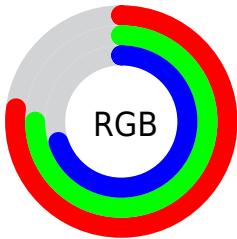
Format	Color
RYB	185, 197, 178
Decimal	12959922
CIELab	77.75, -0.67, 7.67
CIELCh	78, 7.697, 95.018
Yxy	52.7839, 0.3276, 0.3464
Android (android.graphics.Color)	4291150002 (0xFFC5C0B2)
YUV	191.8990, -6.8522, 4.4736
Hunter-Lab	72.6525, -4.4955, 10.3179

Details

The Yxy color **52.7839, 0.3276, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3848, 0.2979, 0.3110**, and the grayscale version is **52.6918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1461, 0.3250, 0.3427**, and **25.7855, 0.3317, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **49.7969, 0.3443, 0.3652**, and if you desaturate by 10%, it is **55.9706, 0.3122, 0.3284**.

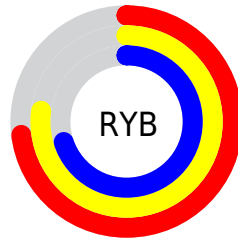
Distribution



Red (77%)

Green (75%)

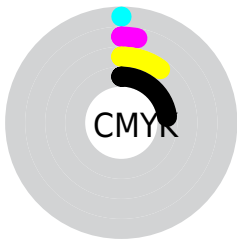
Blue (70%)



Red (73%)

Yellow (77%)

Blue (70%)

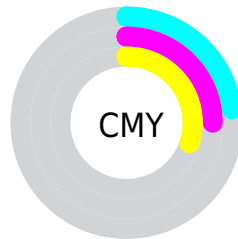


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7839, 0.3276, 0.3464 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 52.7839, 0.3276, 0.3464 by changing the saturation by 10% instead.

■ 52.7839, 0.3276,
0.3464

■ 52.7839, 0.3276,
0.3464

397.4555, 0.3203,
0.3379

■ 37.6303, 0.3294,
0.3485

■ 94.2863, 0.3250,
0.3433

■ 25.6959, 0.3316,
0.3511

121.4039, 0.3240,
0.3422

■ 16.5963, 0.3346,
0.3546

153.2782, 0.3232,
0.3412

■ 9.9471, 0.3386,
0.3594

190.2938, 0.3224,
0.3403

■ 5.3639, 0.3445,
0.3663

232.8349, 0.3218,
0.3396

■ 2.4623, 0.3537,
0.3774

281.2859, 0.3212,

■ 0.8577, 0.3888,

0.3390

0.4175

336.0313, 0.3208,
0.3384

0.0000, 0.0000,
0.0000

52.7839, 0.3276,
0.3464

52.7839, 0.3276,
0.3464

49.7969, 0.3443,
0.3652

55.9706, 0.3122,
0.3284

46.9972, 0.3622,
0.3843

59.3556, 0.2982,
0.3114

44.3809, 0.3810,
0.4031

62.9461, 0.2856,
0.2956

41.9416, 0.4001,
0.4208

66.6296, 0.2753,
0.2829

39.6724, 0.4189,
0.4365

69.2988, 0.2758,
0.2888

■ 37.5655, 0.4366,
0.4490

■ 72.0533, 0.2763,
0.2946

■ 35.6123, 0.4523,
0.4574

■ 74.8941, 0.2767,
0.3004

■ 33.8028, 0.4652,
0.4611

■ 77.8218, 0.2772,
0.3062

■ 32.1192, 0.4754,
0.4605

■ 80.8373, 0.2776,
0.3119

Harmonies

Analogous

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



52.7839, 0.3326, 0.3416



52.7839, 0.3276, 0.3464



52.7839, 0.3187, 0.3465

Triad

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



52.7839, 0.3276, 0.3464



52.7839, 0.2937, 0.3239



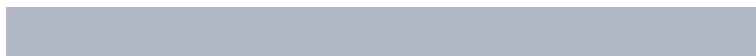
52.7839, 0.3170, 0.3168

Complementary

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



52.7839, 0.3276, 0.3464



47.3848, 0.2979, 0.3110

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.



52.7839, 0.3066, 0.3122



52.7839, 0.3276, 0.3464



52.7839, 0.2932, 0.3161

Square

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



52.7839, 0.3276, 0.3464



52.7839, 0.2991, 0.3333



52.7839, 0.2979, 0.3119



52.7839, 0.3264, 0.3246

Rectangle

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



52.7839, 0.3276, 0.3464



52.7839, 0.3117, 0.3438



52.7839, 0.2979, 0.3119



52.7839, 0.3135, 0.3148

Sweetspot

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



52.7862, 0.3276, 0.3464



98.2296, 0.3173, 0.3344



47.1384, 0.3252, 0.3227



20.9251, 0.3185, 0.3358



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



52.7862, 0.3276, 0.3464



93.1155, 0.3317, 0.3511



54.4505, 0.3233, 0.3528



11.9227, 0.3272, 0.3459



21.2230, 0.4749, 0.4612



1.1189, 0.4608, 0.4723

Inverse Universe

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



47.3848, 0.2979, 0.3110



81.1342, 0.2938, 0.3059



45.8725, 0.3015, 0.3046



10.7373, 0.2983, 0.3115



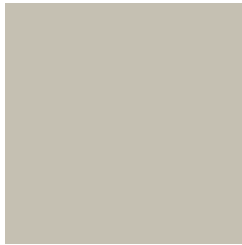
4.3992, 0.1593, 0.0934



0.3310, 0.1711, 0.1360

Previews

White Background



This preview shows how the Yxy color 52.7839, 0.3276, 0.3464 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 52.7839, 0.3276, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

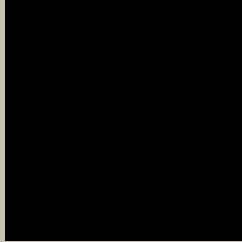
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7839, 0.3276, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 52.7839, 0.3276, 0.3464.



This preview shows how white text looks on a background with the Yxy color 52.7839, 0.3276, 0.3464.

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

52.7839, 0.3276, 0.3464

Protanopia

52.6181, 0.3294, 0.3451

Deuteranopia

52.3997, 0.3433, 0.3362



Tritanopia

52.6957, 0.3119, 0.3110

Trichromacy



Original Color

52.7839, 0.3276, 0.3464

Protanomaly

52.4817, 0.3285, 0.3452

Deuteranomaly

52.6310, 0.3367, 0.3399

Tritanomaly

52.5696, 0.3179, 0.3229

Monochromacy



Original Color

52.7839, 0.3276, 0.3464

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7565, 0.3181, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7839, 0.3276, 0.3464 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(197, 192, 178)` looks like.

```
.text, #text, p{  
    color:rgb(197, 192, 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(197, 192, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 192, 178) }
```

Border

The CSS property to change the border of an element to Yxy 52.7839, 0.3276, 0.3464 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(197, 192, 178) }
```

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

```
.border{ border-color:rgb(197, 192, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 192, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 192, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 192, 178);  
box-shadow:4px 4px 4px 4px rgb(197, 192,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7839, 0.3276, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 192, 178) }
```

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

```
.background{ background-color: rgb(197,  
192, 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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