

Converting Colors

Yxy(52.3320, 0.3224, 0.3299)

Have a look what the booklet for
Yxy(52.3320, 0.3224, 0.3299)
contains.

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Color

Yxy(52.3054, 0.3226, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	C8BDBC
RGB	200, 189, 188
RGB Percent	78%, 74%, 74%
CMY	0.2158, 0.2588, 0.2628
CMYK	0.00, 0.05, 0.06, 0.22
HSL	5°, 10%, 76%
HSV	5°, 6%, 78%
XYZ	51.0860, 52.3054, 54.9658
YIQ	192.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

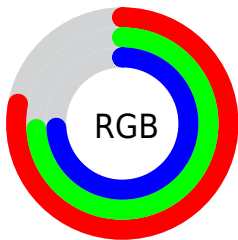
Format	Color
RYP	200, 189, 188
Decimal	13155772
CIELab	77.46, 3.67, 1.90
CIELCh	77, 4.131, 27.308
Yxy	52.3054, 0.3226, 0.3303
Android (android.graphics.Color)	4291345852 (0xFFC8BDBC)
YUV	192.1750, -2.0583, 6.8625
Hunter-Lab	72.3225, -0.4782, 5.5647

Details

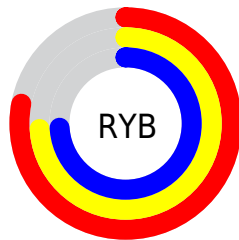
The Yxy color **52.3054, 0.3226, 0.3303** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6718, 0.3035, 0.3277**, and the grayscale version is **52.8275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0965, 0.3198, 0.3300**, and **25.4686, 0.3250, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **44.1353, 0.3421, 0.3326**, and if you desaturate by 10%, it is **61.5887, 0.3068, 0.3282**.

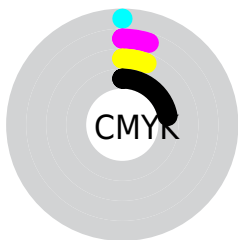
Distribution



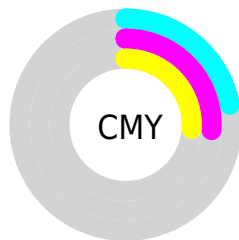
- Red (78%)
- Green (74%)
- Blue (74%)



- Red (78%)
- Yellow (74%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3054, 0.3226, 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 52.3054, 0.3226, 0.3303 by changing the saturation by 10% instead.

 52.3054, 0.3226,
0.3303

 52.3054, 0.3226,
0.3303


395.6145, 0.3177,
0.3297

 37.2486, 0.3238,
0.3304


 93.5815, 0.3209,
0.3301

 25.4000, 0.3253,
0.3306

120.5695, 0.3202,
0.3300

 16.3753, 0.3273,
0.3309

152.3034, 0.3196,
0.3299

 9.7901, 0.3300,
0.3312

189.1675, 0.3191,
0.3299

 5.2600, 0.3341,
0.3316

231.5463, 0.3187,
0.3298

 2.4006, 0.3405,
0.3322

279.8242, 0.3184,

 0.8262, 0.3546,

0.3298

0.3347

334.3854, 0.3180,
0.3297

0.0000, 0.0000,
0.0000

52.3054, 0.3226,
0.3303

52.3054, 0.3226,
0.3303

44.1353, 0.3421,
0.3326

61.5887, 0.3068,
0.3282

37.0302, 0.3661,
0.3351

72.0178, 0.2939,
0.3262

30.9482, 0.3955,
0.3375

83.6323, 0.2834,
0.3245

25.8421, 0.4308,
0.3398

91.0154, 0.2805,
0.3289

21.6611, 0.4718,
0.3416

■ 18.3497, 0.5166,
0.3424

■ 15.8464, 0.5614,
0.3419

■ 14.0817, 0.6000,
0.3396

■ 12.9740, 0.6264,
0.3359

Harmonies

Analogous

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



52.3054, 0.3189, 0.3254



52.3054, 0.3226, 0.3303



52.3054, 0.3236, 0.3349

Triad

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



52.3054, 0.3226, 0.3303



52.3054, 0.3118, 0.3367



52.3054, 0.3038, 0.3201

Complementary

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



52.3054, 0.3226, 0.3303



55.6718, 0.3035, 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.



52.3054, 0.3020, 0.3230



52.3054, 0.3226, 0.3303



52.3054, 0.3065, 0.3326

Square

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



52.3054, 0.3226, 0.3303



52.3054, 0.3173, 0.3386



52.3054, 0.3029, 0.3276



52.3054, 0.3081, 0.3196

Rectangle

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



52.3054, 0.3226, 0.3303



52.3054, 0.3226, 0.3371



52.3054, 0.3029, 0.3276



52.3054, 0.3029, 0.3209

Sweetspot

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



52.3077, 0.3226, 0.3303



96.7403, 0.3159, 0.3294



52.3537, 0.3142, 0.3157



20.7406, 0.3158, 0.3294



0.0000, 0.0000, 0.0000



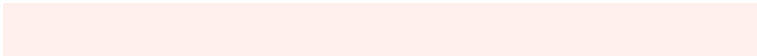
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3077, 0.3226, 0.3303



88.9404, 0.3246, 0.3306



54.9235, 0.3220, 0.3375



11.1283, 0.3253, 0.3306



8.1262, 0.6326, 0.3359



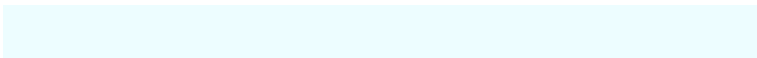
0.4370, 0.6091, 0.3545

Inverse Universe

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



55.6718, 0.3035, 0.3277



95.7857, 0.3018, 0.3274



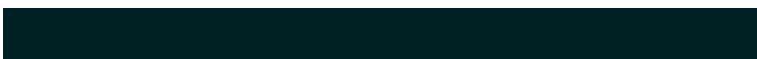
52.9855, 0.3036, 0.3203



12.0370, 0.3012, 0.3274



24.1570, 0.2172, 0.3019



1.1912, 0.2189, 0.3079

Previews

White Background



This preview shows how the Yxy color 52.3054, 0.3226, 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 52.3054, 0.3226, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

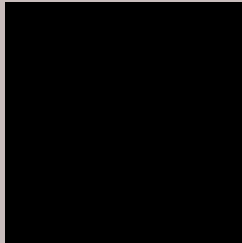
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

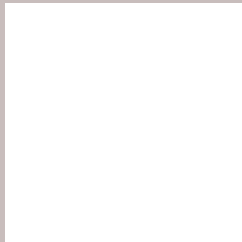
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3054, 0.3226, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 52.3054, 0.3226, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.3054, 0.3226, 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

52.3054, 0.3226, 0.3303

Protanopia

52.1031, 0.3176, 0.3303

Deuteranopia

52.2209, 0.3316, 0.3243



Tritanopia

52.3615, 0.3136, 0.3110

Trichromacy



Original Color

52.3054, 0.3226, 0.3303

Protanomaly

52.3714, 0.3192, 0.3303

Deuteranomaly

52.0573, 0.3281, 0.3254

Tritanomaly

52.4152, 0.3165, 0.3181

Monochromacy



Original Color

52.3054, 0.3226, 0.3303

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6253, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3054, 0.3226, 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(200, 189, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 188)  
}
```

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(200, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.3054, 0.3226, 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(200, 189, 188) }
```

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

```
.border{ border-color:rgb(200, 189, 188) }
```

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

Here you see how a box with a 4 pixel rgb(200, 189, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3054, 0.3226, 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(200, 189, 188) }
```

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

```
.background{ background-color: rgb(200,  
189, 188) }
```

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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