

Converting Colors

$Y_{xy}(53.1578, 0.3225, 0.3334)$

Have a look what the booklet for
Yxy(53.1578, 0.3225, 0.3334)
contains.

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Color

Yxy(53.1718, 0.3224, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFBC
RGB	200, 191, 188
RGB Percent	78%, 75%, 74%
CMY	0.2157, 0.2510, 0.2628
CMYK	0.00, 0.04, 0.06, 0.22
HSL	15°, 10%, 76%
HSV	15°, 6%, 78%
XYZ	51.5257, 53.1718, 55.1216
YIQ	193.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

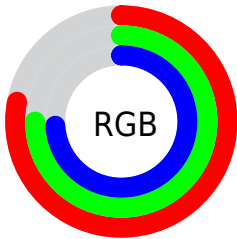
Format	Color
R _Y B	200, 192, 188
Decimal	13156284
CIE Lab	77.98, 2.62, 2.63
CIE LCh	78, 3.713, 45.093
Yxy	53.1718, 0.3224, 0.3327
Android (android.graphics.Color)	4291346364 (0xFFC8BFBC)
YUV	193.3490, -2.6371, 5.8329
Hunter-Lab	72.9190, -1.4774, 6.2243

Details

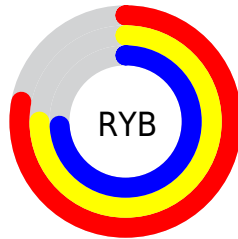
The Yxy color **53.1718, 0.3224, 0.3327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7860, 0.3035, 0.3253**, and the grayscale version is **53.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3132, 0.3197, 0.3319**, and **26.0372, 0.3247, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **46.1667, 0.3411, 0.3392**, and if you desaturate by 10%, it is **60.9694, 0.3068, 0.3266**.

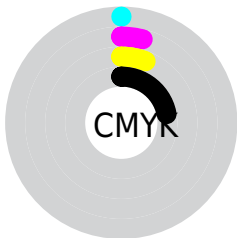
Distribution



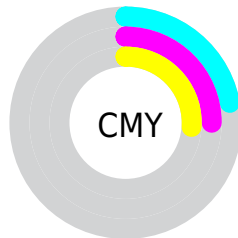
- Red (78%)
- Green (75%)
- Blue (74%)



- Red (78%)
- Yellow (75%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (22%)





- Cyan (22%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1718, 0.3224, 0.3327 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 53.1718, 0.3224, 0.3327 by changing the saturation by 10% instead.


 53.1718, 0.3224,
0.3327

 53.1718, 0.3224,
0.3327

398.9439, 0.3177,
0.3309

 37.9399, 0.3236,
0.3331


 94.8571, 0.3207,
0.3321

 25.9361, 0.3250,
0.3337


122.0794, 0.3201,
0.3318

 16.7758, 0.3270,
0.3344

154.0672, 0.3195,
0.3316

 10.0748, 0.3296,
0.3353

191.2050, 0.3190,
0.3314

 5.4486, 0.3335,
0.3367

233.8772, 0.3186,
0.3313

 2.5128, 0.3397,
0.3389

282.4681, 0.3183,

 0.8830, 0.3527,

0.3311

0.3442

337.3622, 0.3179,
0.3310

0.0000, 0.0000,
0.0000

53.1718, 0.3224,
0.3327

53.1718, 0.3224,
0.3327

46.1667, 0.3411,
0.3392

60.9694, 0.3068,
0.3266

39.9224, 0.3634,
0.3461

69.5763, 0.2938,
0.3211

34.4149, 0.3899,
0.3530

79.0176, 0.2829,
0.3160

29.6165, 0.4208,
0.3597

88.4496, 0.2802,
0.3246

25.4978, 0.4560,
0.3652

91.0187, 0.2805,
0.3289

■ 22.0272, 0.4944,
0.3689

■ 19.1703, 0.5336,
0.3694

■ 16.8895, 0.5696,
0.3659

■ 15.1420, 0.5985,
0.3584

Harmonies

Analogous

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



53.1718, 0.3205, 0.3284



53.1718, 0.3224, 0.3327



53.1718, 0.3217, 0.3361

Triad

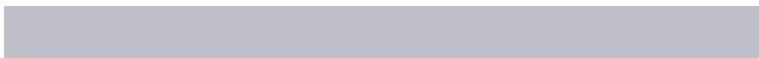
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.1718, 0.3224, 0.3327



53.1718, 0.3090, 0.3339



53.1718, 0.3068, 0.3205

Complementary

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



53.1718, 0.3224, 0.3327



54.7860, 0.3035, 0.3253

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.



53.1718, 0.3038, 0.3219



53.1718, 0.3224, 0.3327



53.1718, 0.3050, 0.3296

Square

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



53.1718, 0.3224, 0.3327



53.1718, 0.3139, 0.3368



53.1718, 0.3031, 0.3252



53.1718, 0.3114, 0.3214

Rectangle

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



53.1718, 0.3224, 0.3327



53.1718, 0.3199, 0.3374



53.1718, 0.3031, 0.3252



53.1718, 0.3056, 0.3207

Sweetspot

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



53.1741, 0.3224, 0.3327



97.2626, 0.3159, 0.3302



52.2745, 0.3157, 0.3181



20.8469, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



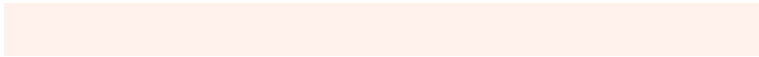
21.4041, 0.3127, 0.3290

Same Dimension

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



53.1741, 0.3224, 0.3327



90.6670, 0.3243, 0.3334



55.8397, 0.3218, 0.3399



11.3570, 0.3250, 0.3337



9.3903, 0.6060, 0.3571



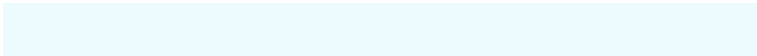
0.5642, 0.5638, 0.3906

Inverse Universe

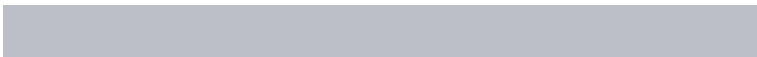
The Inverse Universe completely reimagines the original color for something new.



54.7860, 0.3035, 0.3253



93.9456, 0.3019, 0.3246



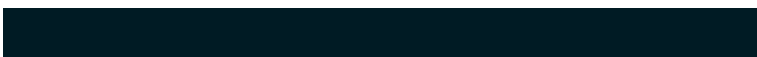
52.1206, 0.3036, 0.3178



11.7923, 0.3012, 0.3243



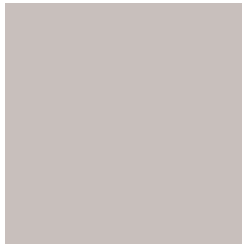
16.6312, 0.2018, 0.2464



0.8976, 0.2071, 0.2656

Previews

White Background



This preview shows how the Yxy color 53.1718, 0.3224, 0.3327 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 53.1718, 0.3224, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

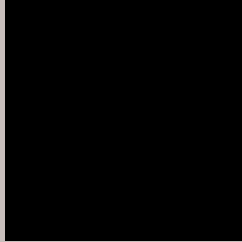
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1718, 0.3224, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 53.1718, 0.3224, 0.3327.



This preview shows how white text looks on a background with the Yxy color 53.1718, 0.3224, 0.3327.

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

53.1718, 0.3224, 0.3327

Protanopia

53.2004, 0.3198, 0.3339

Deuteranopia

52.9381, 0.3332, 0.3255



Tritanopia

53.2635, 0.3127, 0.3123

Trichromacy



Original Color

53.1718, 0.3224, 0.3327

Protanomaly

53.3359, 0.3207, 0.3339

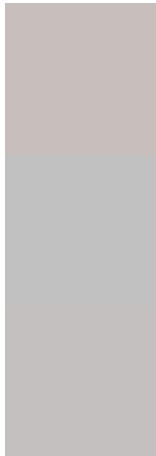
Deuteranomaly

53.0505, 0.3287, 0.3279

Tritanomaly

53.3216, 0.3156, 0.3194

Monochromacy



Original Color

53.1718, 0.3224, 0.3327

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1966, 0.3167, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1718, 0.3224, 0.3327 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, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 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, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.1718, 0.3224, 0.3327 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, 191, 188) }
```

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

```
.border{ border-color:rgb(200, 191, 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, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1718, 0.3224, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 188) }
```

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

```
.background{ background-color: rgb(200,  
191, 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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