

Converting Colors

Yxy(53.4323, 0.3243, 0.3322)

Have a look what the booklet for
Yxy(53.4323, 0.3243, 0.3322)
contains.

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Color

Yxy(53.4490, 0.3241, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	CABFBC
RGB	202, 191, 188
RGB Percent	79%, 75%, 74%
CMY	0.2078, 0.2510, 0.2628
CMYK	0.00, 0.05, 0.07, 0.21
HSL	13°, 12%, 76%
HSV	13°, 7%, 79%
XYZ	52.0674, 53.4490, 55.1358
YIQ	193.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

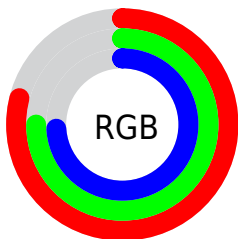
Format	Color
R_{YB}	202, 192, 188
Decimal	13287356
CIE Lab	78.14, 3.34, 2.90
CIE LCh	78, 4.423, 40.918
Yxy	53.4490, 0.3241, 0.3327
Android (android.graphics.Color)	4291477436 (0xFFCABFBC)
YUV	193.9470, -2.9319, 7.0625
Hunter-Lab	73.1088, -0.8145, 6.4619

Details

The Yxy color **53.4490, 0.3241, 0.3327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8009, 0.3021, 0.3253**, and the grayscale version is **53.9321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3132, 0.3197, 0.3319**, and **26.2221, 0.3270, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **46.0952, 0.3433, 0.3384**, and if you desaturate by 10%, it is **61.6780, 0.3082, 0.3274**.

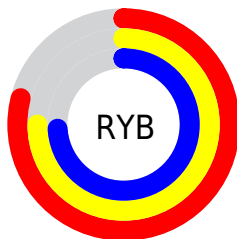
Distribution



Red (79%)

Green (75%)

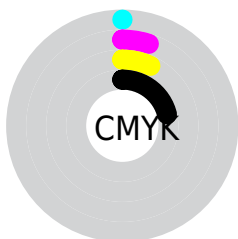
Blue (74%)



Red (79%)

Yellow (75%)

Blue (74%)

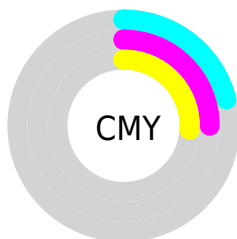


Cyan (0%)

Magenta (5%)

Yellow (7%)

Black (21%)



Cyan (21%)


Magenta (25%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4490, 0.3241, 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 53.4490, 0.3241, 0.3327 by changing the saturation by 10% instead.


 53.4490, 0.3241,
0.3327

 53.4490, 0.3241,
0.3327

400.0054, 0.3185,
0.3309

 38.1613, 0.3255,
0.3331


 95.2647, 0.3221,
0.3321

 26.1079, 0.3272,
0.3337


122.5616, 0.3213,
0.3318

 16.9044, 0.3295,
0.3344

154.6303, 0.3207,
0.3316

 10.1664, 0.3326,
0.3353

191.8552, 0.3201,
0.3314

 5.5094, 0.3371,
0.3366

234.6208, 0.3197,
0.3313

 2.5491, 0.3444,
0.3387

283.3115, 0.3192,

 0.9012, 0.3592,

0.3312

0.3438

338.3115, 0.3189,
0.3310

0.0000, 0.0000,
0.0000

53.4490, 0.3241,
0.3327

53.4490, 0.3241,
0.3327

46.0952, 0.3433,
0.3384

61.6780, 0.3082,
0.3274

39.5809, 0.3664,
0.3443

70.8026, 0.2949,
0.3226

33.8780, 0.3940,
0.3503

80.8513, 0.2839,
0.3182

28.9544, 0.4264,
0.3559

90.9293, 0.2816,
0.3283

24.7756, 0.4633,
0.3605

91.2998, 0.2816,
0.3289

■ 21.3048, 0.5035,
0.3631

■ 18.5015, 0.5440,
0.3628

■ 16.3213, 0.5805,
0.3589

■ 14.7126, 0.6085,
0.3515

Harmonies

Analogous

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



53.4490, 0.3214, 0.3275



53.4490, 0.3241, 0.3327



53.4490, 0.3237, 0.3370

Triad

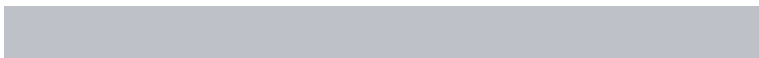
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.4490, 0.3241, 0.3327



53.4490, 0.3091, 0.3354



53.4490, 0.3051, 0.3190

Complementary

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



53.4490, 0.3241, 0.3327



55.8009, 0.3021, 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.



53.4490, 0.3018, 0.3210



53.4490, 0.3241, 0.3327



53.4490, 0.3041, 0.3305

Square

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



53.4490, 0.3241, 0.3327



53.4490, 0.3150, 0.3386



53.4490, 0.3015, 0.3252



53.4490, 0.3104, 0.3196

Rectangle

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



53.4490, 0.3241, 0.3327



53.4490, 0.3218, 0.3387



53.4490, 0.3015, 0.3252



53.4490, 0.3037, 0.3194

Sweetspot

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



53.4513, 0.3241, 0.3327



97.1487, 0.3159, 0.3301



52.6500, 0.3157, 0.3155



20.8237, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



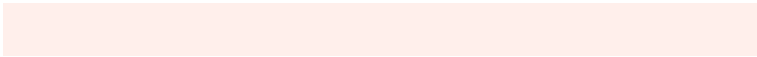
21.4041, 0.3127, 0.3290

Same Dimension

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



53.4513, 0.3241, 0.3327



88.9624, 0.3261, 0.3333



56.4907, 0.3234, 0.3409



11.5985, 0.3285, 0.3341



9.3219, 0.6136, 0.3510



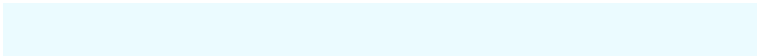
0.5955, 0.5752, 0.3815

Inverse Universe

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



55.8009, 0.3021, 0.3253



93.5649, 0.3003, 0.3246



52.7371, 0.3021, 0.3168



12.3013, 0.2983, 0.3239



18.7302, 0.2052, 0.2588



1.0710, 0.2095, 0.2740

Previews

White Background



This preview shows how the Yxy color 53.4490, 0.3241, 0.3327 looks on a white background.

Color Contrast Check

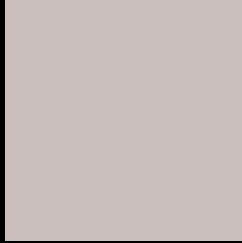
Large Text (above 18pt) WCAG AA × Fail

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 53.4490, 0.3241, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

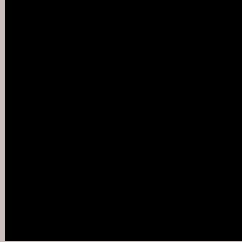
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4490, 0.3241, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 53.4490, 0.3241, 0.3327.



This preview shows how white text looks on a background with the Yxy color 53.4490, 0.3241, 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

53.4490, 0.3241, 0.3327

Protanopia

53.3792, 0.3199, 0.3327

Deuteranopia

53.3609, 0.3330, 0.3267



Tritanopia

53.5444, 0.3143, 0.3124

Trichromacy



Original Color

53.4490, 0.3241, 0.3327

Protanomaly

53.5155, 0.3207, 0.3327

Deuteranomaly

53.1959, 0.3295, 0.3279

Tritanomaly

53.6006, 0.3172, 0.3194

Monochromacy



Original Color

53.4490, 0.3241, 0.3327

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8160, 0.3167, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4490, 0.3241, 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(202, 191, 188)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 191, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.4490, 0.3241, 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(202, 191, 188) }
```

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

```
.border{ border-color:rgb(202, 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(202, 191, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 191, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 191, 188);  
box-shadow:4px 4px 4px 4px rgb(202, 191,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4490, 0.3241, 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(202, 191, 188) }
```

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

```
.background{ background-color: rgb(202,  
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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