

Converting Colors

Yxy(51.7153, 0.3352, 0.3417)

Have a look what the booklet for
Yxy(51.7153, 0.3352, 0.3417)
contains.

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Color

Yxy(51.5523, 0.3351, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBB1
RGB	204, 187, 177
RGB Percent	80%, 73%, 69%
CMY	0.1998, 0.2667, 0.3059
CMYK	0.00, 0.08, 0.13, 0.20
HSL	22°, 21%, 75%
HSV	22°, 13%, 80%
XYZ	50.6158, 51.5523, 48.8788
YIQ	190.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

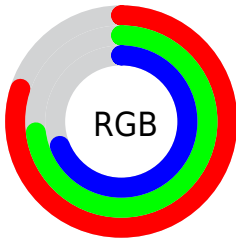
Format	Color
R_{YB}	204, 193, 177
Decimal	13417393
CIE _{Lab}	77.01, 4.36, 7.23
CIE _{LCh}	77, 8.442, 58.888
Yxy	51.5523, 0.3351, 0.3413
Android (android.graphics.Color)	4291607473 (0xFFCCBBB1)
YUV	190.9430, -6.8739, 11.4510
Hunter-Lab	71.7999, 0.1848, 9.8975

Details

The Yxy color **51.5523, 0.3351, 0.3413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3147, 0.2923, 0.3164**, and the grayscale version is **52.1040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2444, 0.3268, 0.3388**, and **24.9895, 0.3421, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **45.5847, 0.3554, 0.3512**, and if you desaturate by 10%, it is **58.1352, 0.3178, 0.3319**.

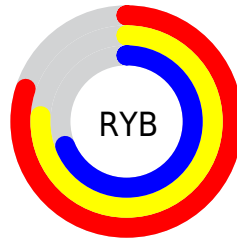
Distribution



Red (80%)

Green (73%)

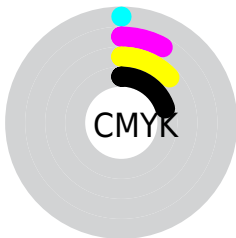
Blue (69%)



Red (80%)

Yellow (76%)

Blue (69%)

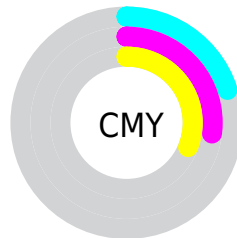


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (20%)



Cyan (20%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5523, 0.3351, 0.3413 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 51.5523, 0.3351, 0.3413 by changing the saturation by 10% instead.


 51.5523, 0.3351,
0.3413

 51.5523, 0.3351,
0.3413


392.7058, 0.3240,
0.3353

 36.6483, 0.3378,
0.3427


 92.4706, 0.3311,
0.3392

 24.9353, 0.3413,
0.3445


119.2538, 0.3296,
0.3384

 16.0289, 0.3459,
0.3469


150.7655, 0.3283,
0.3377

 9.5446, 0.3522,
0.3501

187.3902, 0.3272,
0.3371

 5.0981, 0.3614,
0.3547

229.5121, 0.3263,
0.3366

 2.3049, 0.3763,
0.3617

277.5158, 0.3254,

 0.7763, 0.4307,

0.3361

0.3960

331.7855, 0.3247,
0.3357

0.0000, 0.0000,
0.0000

51.5523, 0.3351,
0.3413

51.5523, 0.3351,
0.3413

45.5847, 0.3554,
0.3512

58.1352, 0.3178,
0.3319

40.2073, 0.3789,
0.3613

65.3439, 0.3030,
0.3232

35.4034, 0.4059,
0.3713

73.1972, 0.2904,
0.3151

31.1527, 0.4361,
0.3802

81.4759, 0.2816,
0.3115

27.4339, 0.4689,
0.3872

89.2560, 0.2825,
0.3251

■ 24.2236, 0.5026,
0.3909

■ 91.5828, 0.2827,
0.3289

■ 21.4969, 0.5350,
0.3902

■ 19.2256, 0.5630,
0.3843

■ 17.9276, 0.5793,
0.3783

Harmonies

Analogous

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



51.5523, 0.3334, 0.3320



51.5523, 0.3351, 0.3413



51.5523, 0.3307, 0.3475

Triad

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



51.5523, 0.3351, 0.3413



51.5523, 0.2995, 0.3359



51.5523, 0.3037, 0.3100

Complementary

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



51.5523, 0.3351, 0.3413



52.3147, 0.2923, 0.3164

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.



51.5523, 0.2949, 0.3106



51.5523, 0.3351, 0.3413



51.5523, 0.2925, 0.3254

Square

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



51.5523, 0.3351, 0.3413



51.5523, 0.3101, 0.3445



51.5523, 0.2908, 0.3162



51.5523, 0.3151, 0.3142

Rectangle

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



51.5523, 0.3351, 0.3413



51.5523, 0.3250, 0.3490



51.5523, 0.2908, 0.3162



51.5523, 0.3003, 0.3096

Sweetspot

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



51.5546, 0.3351, 0.3413



95.3254, 0.3191, 0.3326



48.1891, 0.3223, 0.3082



20.2195, 0.3203, 0.3333



0.0000, 0.0000, 0.0000



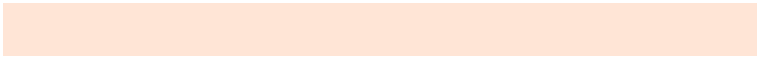
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5546, 0.3351, 0.3413



82.3159, 0.3408, 0.3442



57.5271, 0.3329, 0.3573



11.8812, 0.3281, 0.3376



11.4432, 0.5767, 0.3803



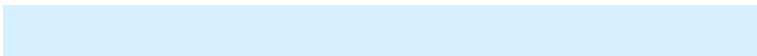
0.7345, 0.5396, 0.4097

Inverse Universe

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



52.3147, 0.2923, 0.3164



83.8226, 0.2877, 0.3133



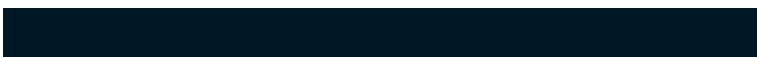
46.5975, 0.2919, 0.2990



12.0031, 0.2983, 0.3202



12.7476, 0.1901, 0.2043



0.7997, 0.1976, 0.2314

Previews

White Background



This preview shows how the Yxy color 51.5523, 0.3351, 0.3413 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 51.5523, 0.3351, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

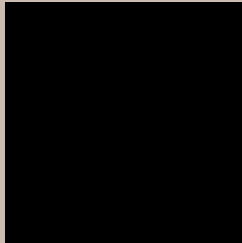
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5523, 0.3351, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 51.5523, 0.3351, 0.3413.



This preview shows how white text looks on a background with the Yxy color 51.5523, 0.3351, 0.3413.

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

51.5523, 0.3351, 0.3413

Protanopia

51.3453, 0.3271, 0.3428

Deuteranopia

51.6415, 0.3426, 0.3363



Tritanopia

51.6236, 0.3211, 0.3123

Trichromacy



Original Color

51.5523, 0.3351, 0.3413

Protanomaly

51.3229, 0.3298, 0.3415

Deuteranomaly

51.6139, 0.3398, 0.3375

Tritanomaly

51.5374, 0.3265, 0.3230

Monochromacy



Original Color

51.5523, 0.3351, 0.3413

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1078, 0.3207, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5523, 0.3351, 0.3413 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(204, 187, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 177)  
}
```

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(204, 187, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.5523, 0.3351, 0.3413 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(204, 187, 177) }
```

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

```
.border{ border-color:rgb(204, 187, 177) }
```

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

Here you see how a box with a 4 pixel rgb(204, 187, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5523, 0.3351, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 177) }
```

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

```
.background{ background-color: rgb(204,  
187, 177) }
```

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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