

Converting Colors

$Yxy(52.0520, 0.3273, 0.3377)$

Have a look what the booklet for
Yxy(52.0520, 0.3273, 0.3377)
contains.

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Color

Yxy(52.0520, 0.3273, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	C8BDB6
RGB	200, 189, 182
RGB Percent	78%, 74%, 71%
CMY	0.2159, 0.2587, 0.2863
CMYK	0.00, 0.05, 0.09, 0.22
HSL	24°, 14%, 75%
HSV	24°, 9%, 78%
XYZ	50.4490, 52.0520, 51.6358
YIQ	191.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

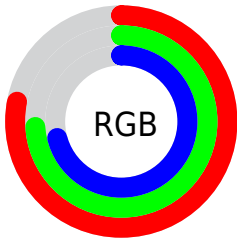
Format	Color
R _Y B	200, 193, 182
Decimal	13155766
CIE Lab	77.31, 2.63, 4.92
CIE LCh	77, 5.575, 61.905
Yxy	52.0520, 0.3273, 0.3377
Android (android.graphics.Color)	4291345846 (0xFFC8BDB6)
YUV	191.4910, -4.6791, 7.4624
Hunter-Lab	72.1471, -1.4409, 8.0690

Details

The Yxy color `52.0520, 0.3273, 0.3377` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.2122, 0.2990, 0.3201`, and the grayscale version is `52.4214, 0.3127, 0.3290`.

A 20% lighter version of the original color is `92.7379, 0.3235, 0.3358`, and `25.3043, 0.3315, 0.3407` is the 20% darker color. If you saturate the color by 10%, you get `46.2701, 0.3461, 0.3480`, and if you desaturate by 10%, it is `58.3953, 0.3112, 0.3281`.

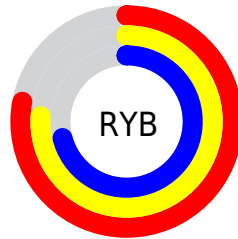
Distribution



Red (78%)

Green (74%)

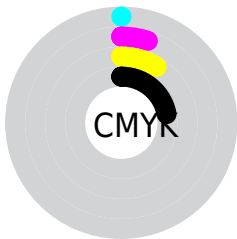
Blue (71%)



Red (78%)

Yellow (76%)

Blue (71%)

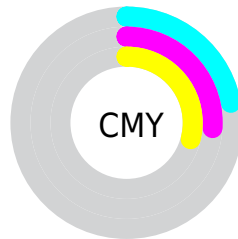


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0520, 0.3273, 0.3377 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 52.0520, 0.3273, 0.3377 by changing the saturation by 10% instead.

■ 52.0520, 0.3273,
0.3377

■ 52.0520, 0.3273,
0.3377

394.6373, 0.3201,
0.3335

■ 37.0465, 0.3291,
0.3387

■ 93.2079, 0.3247,
0.3362

■ 25.2435, 0.3313,
0.3400

120.1272, 0.3237,
0.3356

■ 16.2586, 0.3343,
0.3417

151.7864, 0.3229,
0.3351

■ 9.7073, 0.3383,
0.3440

188.5702, 0.3222,
0.3347

■ 5.2053, 0.3443,
0.3474

230.8627, 0.3216,
0.3343

■ 2.3682, 0.3539,
0.3526

279.0485, 0.3210,

■ 0.8095, 0.3822,

0.3340

0.3712

333.5119, 0.3206,
0.3337

0.0000, 0.0000,
0.0000

52.0520, 0.3273,
0.3377

52.0520, 0.3273,
0.3377

46.2701, 0.3461,
0.3480

58.3953, 0.3112,
0.3281

41.0271, 0.3679,
0.3586

65.3082, 0.2974,
0.3191

36.3088, 0.3929,
0.3693

72.8074, 0.2856,
0.3109

32.0978, 0.4211,
0.3793

80.4499, 0.2792,
0.3105

28.3758, 0.4520,
0.3878

87.7596, 0.2801,
0.3235

■ 25.1230, 0.4845,
0.3936

■ 91.0123, 0.2805,
0.3289

■ 22.3181, 0.5167,
0.3954

■ 19.9375, 0.5459,
0.3922

■ 17.9507, 0.5705,
0.3842

Harmonies

Analogous

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



52.0520, 0.3266, 0.3317



52.0520, 0.3273, 0.3377



52.0520, 0.3241, 0.3414

Triad

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



52.0520, 0.3273, 0.3377



52.0520, 0.3034, 0.3329



52.0520, 0.3075, 0.3165

Complementary

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



52.0520, 0.3273, 0.3377



52.2122, 0.2990, 0.3201

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.



52.0520, 0.3014, 0.3167



52.0520, 0.3273, 0.3377



52.0520, 0.2991, 0.3260

Square

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



52.0520, 0.3273, 0.3377



52.0520, 0.3103, 0.3387



52.0520, 0.2984, 0.3201



52.0520, 0.3151, 0.3196

Rectangle

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



52.0520, 0.3273, 0.3377



52.0520, 0.3202, 0.3421



52.0520, 0.2984, 0.3201



52.0520, 0.3052, 0.3162

Sweetspot

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



52.0543, 0.3273, 0.3377



96.5840, 0.3174, 0.3319



49.5757, 0.3192, 0.3155



20.4808, 0.3187, 0.3327



0.0000, 0.0000, 0.0000



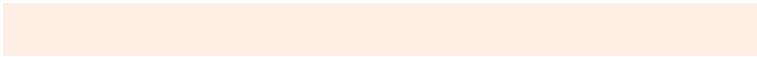
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0543, 0.3273, 0.3377



87.9166, 0.3311, 0.3399



55.9703, 0.3262, 0.3484



11.3071, 0.3280, 0.3381



11.4669, 0.5704, 0.3853



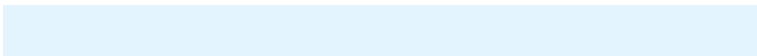
0.6834, 0.5319, 0.4159

Inverse Universe

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



52.2122, 0.2990, 0.3201



88.2510, 0.2956, 0.3179



48.4261, 0.2989, 0.3089



11.3430, 0.2984, 0.3197



11.6258, 0.1879, 0.1966



0.6885, 0.1965, 0.2272

Previews

White Background



This preview shows how the Yxy color 52.0520, 0.3273, 0.3377 looks on a white background.

Color Contrast Check

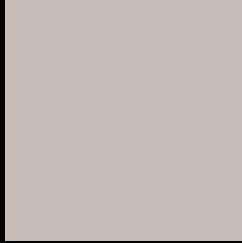
Large Text (above 18pt) WCAG AA × Fail

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 52.0520, 0.3273, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

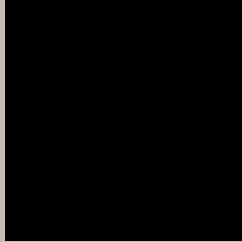
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0520, 0.3273, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 52.0520, 0.3273, 0.3377.

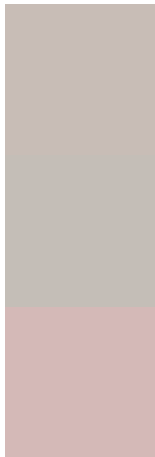


This preview shows how white text looks on a background with the Yxy color 52.0520, 0.3273, 0.3377.

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

52.0520, 0.3273, 0.3377

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

52.1139, 0.3374, 0.3315



Tritanopia

52.0314, 0.3152, 0.3110

Trichromacy



Original Color

52.0520, 0.3273, 0.3377

Protanomaly

52.1161, 0.3239, 0.3377

Deuteranomaly

51.9466, 0.3338, 0.3327

Tritanomaly

51.9922, 0.3198, 0.3205

Monochromacy



Original Color

52.0520, 0.3273, 0.3377

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9271, 0.3175, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0520, 0.3273, 0.3377 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(200, 189, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 189, 182) }
```

Border

The CSS property to change the border of an element to Yxy 52.0520, 0.3273, 0.3377 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, 182) }
```

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

```
.border{ border-color:rgb(200, 189, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 189,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0520, 0.3273, 0.3377 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, 182) }
```

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

```
.background{ background-color: rgb(200,  
189, 182) }
```

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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